

LENGTH RECORDS IN ”LAST SINGLE MOVES?” PROBLEMS



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Acknowledgements

This work wouldn't have been possible without the help and inspiration from many problemists. My acknowledgements shall go first to Thierry Le Gleuher, who made an impressive work of research and correction when the project started in march 2007. Dmitrij Baibikov joined a bit later with some informations still missing and many new records of his own.

Fellow retroanalysts Nikolai Beluhov, Andrew Buchanan, Michael Grushko, Henrik Juel, Mario Richter, Bernd Schwarzkopf kindly provided missing informations, corrections and/or new records.

The idea of the compilation came from the work of Mario Richter and Werner Keym, who compiled the economy records in "last single move" problems. The problems are available on the excellent website of Otto Janko, who also set up the retro mailing list, which is an invaluable link with other retroanalysts.

Gerd Wilts has made another website of interest, which contains thousands of chess problems and was used as a reference for a lot of material in this booklet.

Andrew Buchanan, the inventor of Dead Reckoning, proposed to put the problems in a nice dynamical presentation on his website. Be sure to pay him a visit, he has collected many subjects of interest to retroanalysts.

Last, but not least, i owe a special debt to Yves Tallec who was very patient and tried to explain me what a chess problem is.

Introduction

This small booklet is about retrograde analysis in chess. This is a kind of problem where the solver has to explore the past of the game in order to answer the question. A very simple retrograde analysis problem is **C3b** where the last single move is a promotion to bishop.

A single move is, as you may have guessed, a move made by one player only. For example 1.f3 e5 2.Kf2 Qh4+ 3.Ke3 Qd4# contains 6 single moves (it's also the only game finishing by 3... Qd4# and was found by François Labelle). We say that a single move is completely determined if we know exactly what piece has moved (or pieces in the case of castling), where to, where from, and also which enemy unit was captured if such is the case. So we must know exactly how the board was before every single move.

We will interest in problems where we can find out as many previous single move as possible. All problems in the booklets are length records (as known to us) for a given number of pieces, ie no known position with less pieces allows to find as much previous single moves. If two positions share the same number of pieces and the same length, the preference goes to the one minimizing the number of officers (Q, R, B, N), then to the one minimizing the number of heavy officers (Q, R), then to the one minimizing the number of queens. If both positions are still similar, the one published first (or received first in my mailbox) will have the preference. Anyway, if space allows it, i will try to publish ex-aequo. That's why you can see **B4b** composed 2 months after **B4a** and also **B4c** which has one officer more.

The problems are classified in 6 different types, as shown in page 1. Type A, B and C are almost standard in retro analysis, but type C was modified so as to have a complete separation between types (a partition), which was not the case with the previous definition: "One king **may** be in check."

In the duplex type there's one solution assuming White has played last and another one assuming Black has played last. If the first move of both solutions is similar it's called a type DD problem. In case both lengths differ, the overall length will be set to the lower value.

Type E and F were not classified before, but again we have a partition based on the presence or absence of an uncolored piece attacking both kings (this may prove tricky with pawns). In Rex Multiplex n°27, Andrey Frolokin mentioned that **E15a**, **E15b**, **F4a**, **F4c** and **F5** were of type C (historical definition?).

The choice of possible last moves is larger in type A problems than in type D or B, and in type D or B than in type C. That's why type A problems are usually preferred. In the same way type E problems are preferred to type F problems.

The table on page 3 shows a summary of the known length records up to now. The number in the first column is the total number of pieces on the board. Then there is one column per problem type. For a given number of pieces and a given problem type, the corresponding cell will contain a length only if a problem with that number of pieces improves the preceding record for this type.

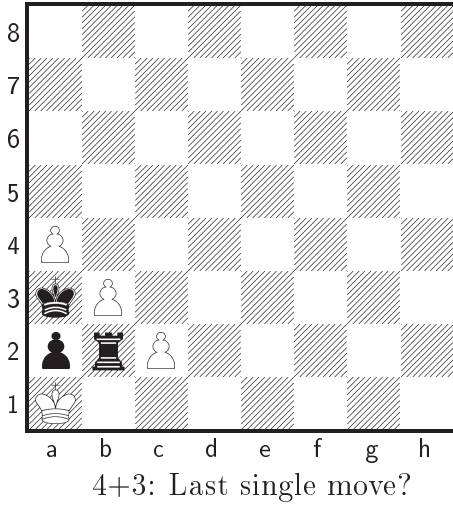
One shall note it's easy to create a type B problem out of every type A or type D problems without changes in the number of pieces, that's why you may have an A or D letter in the B column instead of a number of moves. It's also possible to create a type B problem out of a type C problem by retracting the last checking move (unless it's an en passant capture or a castling), but it may change the number of moves or the number of pieces, so this time the modified problem is repeated.

The informations concerning a problem, such as date of publication, name of magazine, etc. are given alongside the solution of the problem. Also when a problem derives from another one i tried to give the original problem in FEN notation with full credits.

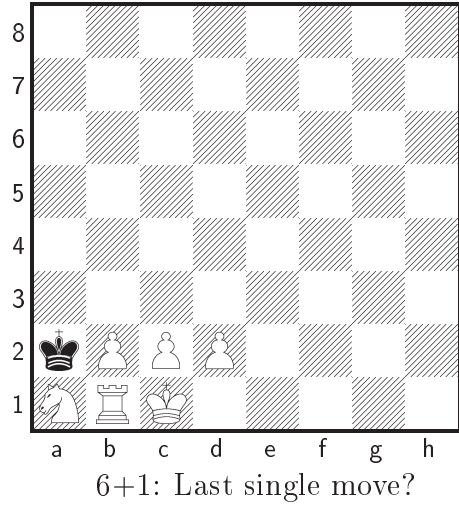
n	A	B	C	D	E	F
2						
3		1	1			
4		2	3			1
5		4				2
6						3
7	1	6	6			
8	2		7	1		
9		7				
10	3	8	8	2		
11			9			
12	5					
13		10	11	3		
14	6		12			
15	17	18	20	15	1	
16	21	22	22	17		
17				19		
18		26	24			
19	25		26	24		
20	28	A	29			
21			30			
22	29	A	46	25		
23	45	46	50		4	
24	49	50	54			11
25	86	90	96	45		
26	96	A		49		
27						13
28					20	21
29					22	27
30						
31						
32						

Number of last single moves for n pieces and for every type.

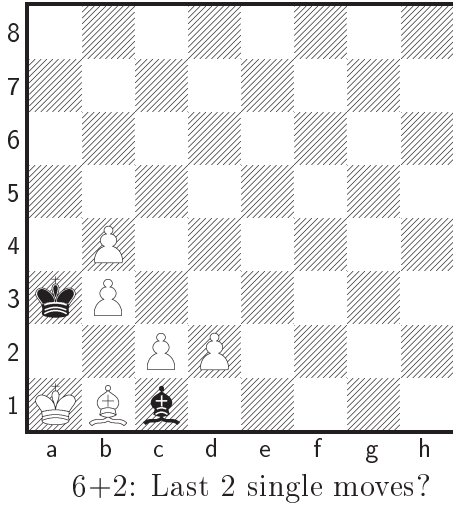
**A7a) V.Onitiu, H.August, O.Brennert,
T.R.Dawson, N.Høeg**



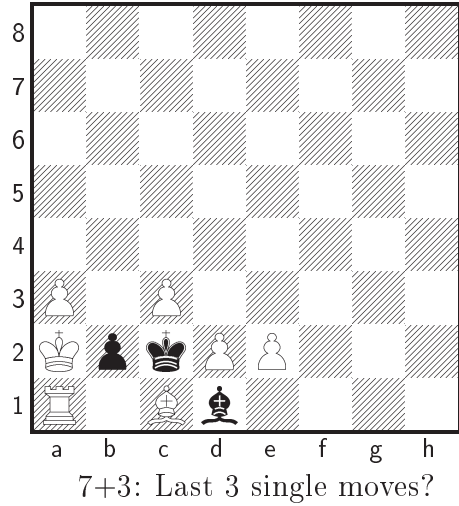
A7b) Wilhelm Røpke



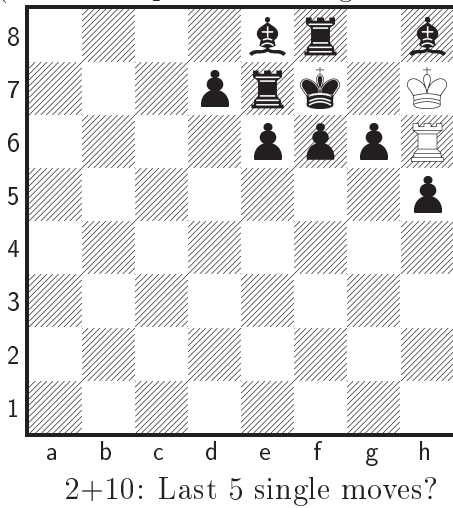
A8) Niels Høeg



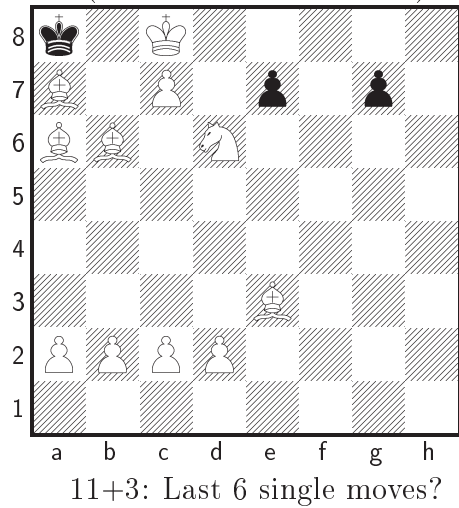
**A10) Dmitrij Baibikov
(after Karl Fabel)**



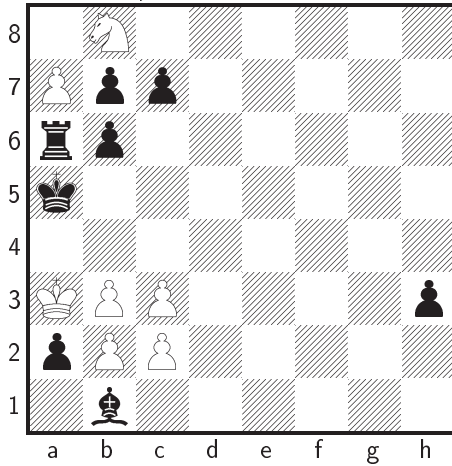
**A12) Andrew Buchanan
(after Theophilus Harding Willcocks)**



**A14) A.Brobecker & T.Le Gleuher
(after Frank Christiaans)**

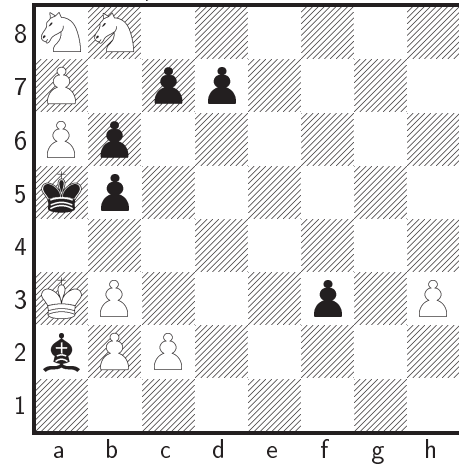


A15) Dmitrij Baibikov



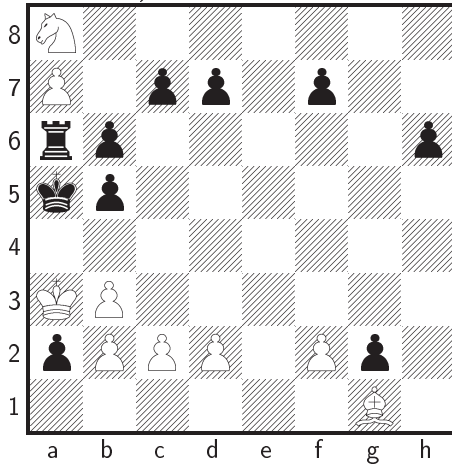
7+8: Last 17 single moves?

A16) Dmitrij Baibikov



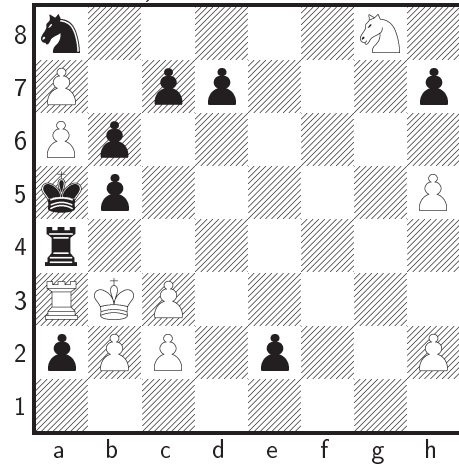
9+7: Last 21 single moves?

A19) Dmitrij Baibikov



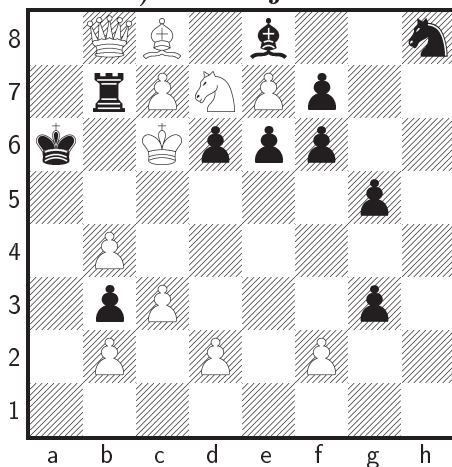
9+10: Last 25 single moves?

A20) Dmitrij Baibikov



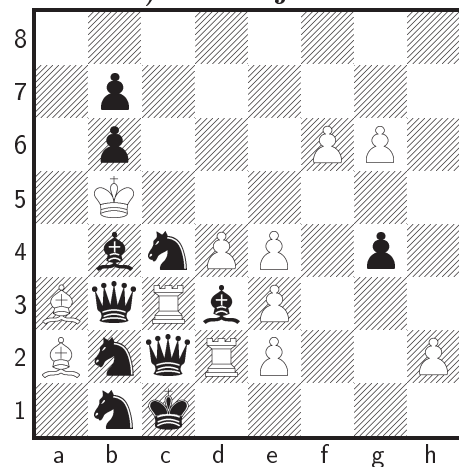
10+10: Last 28 single moves?

A22) Dmitrij Baibikov



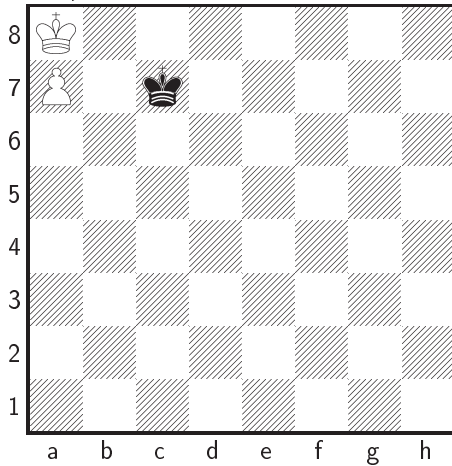
11+11: Last 29 single moves?

A23) Dmitrij Baibikov



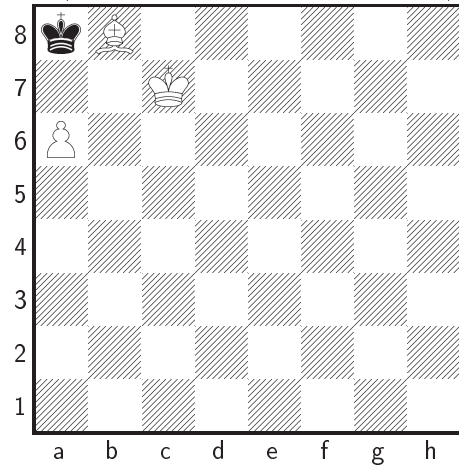
12+11: Last 45 single moves?

B3) Thomas Rayner Dawson



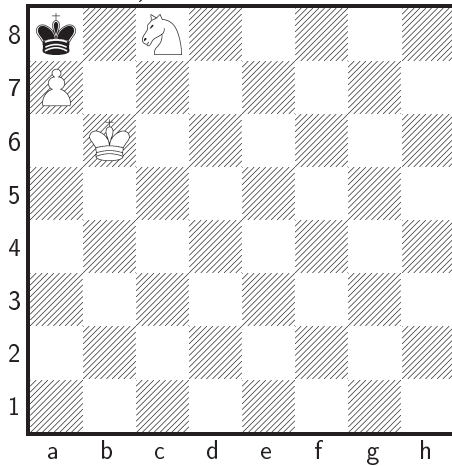
2+1: White played last.
Last single move?

B4a) Dmitrij Baibikov
(after V.Liskovets, V.Voinov)



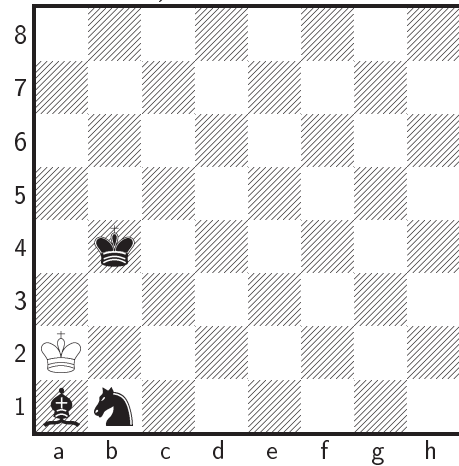
3+1: Black played last.
Last 2 single moves?

B4b) Michael Grushko



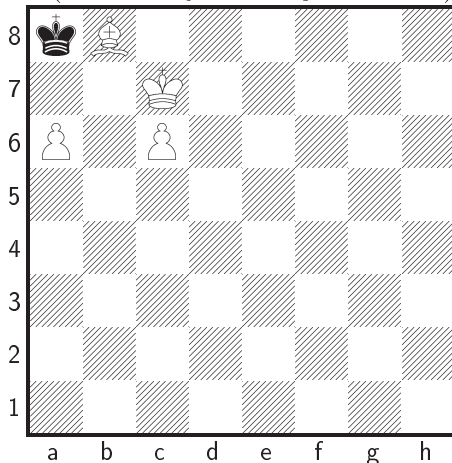
3+1: Black played last.
Last 2 single moves?

B4c) Jan Mortensen



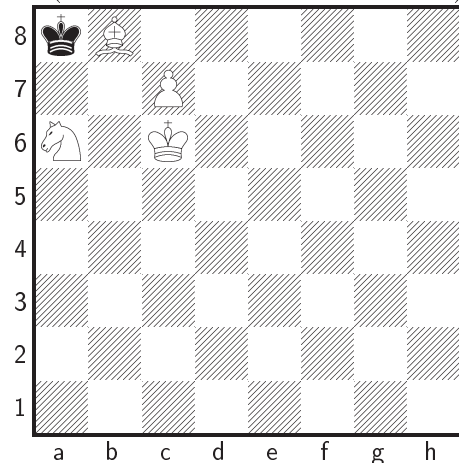
1+3: White played last.
Last 2 single moves?

B5a) V.Liskovets, V.Voinov
(version by Dmitrij Baibikov)



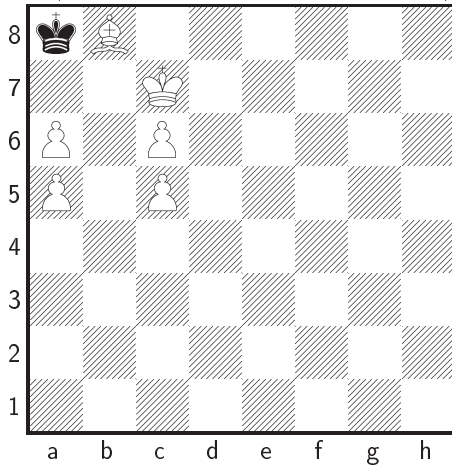
4+1: Black played last.
Last 4 single moves?

B5b) V.Liskovets, V.Voinov
(after Arthur Ford Mackenzie)



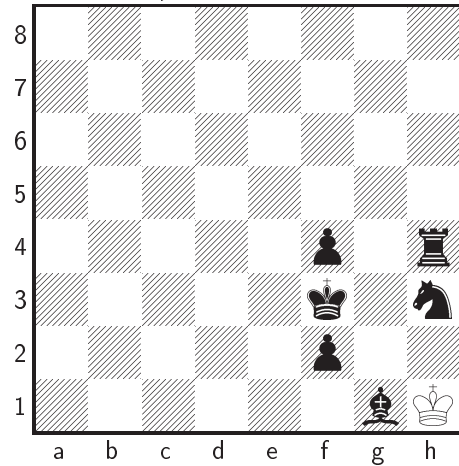
4+1: White mates in 3 moves.
(Last 4 single moves?)

B7a) Joza Tucakov
(version by Dmitrij Baibikov)



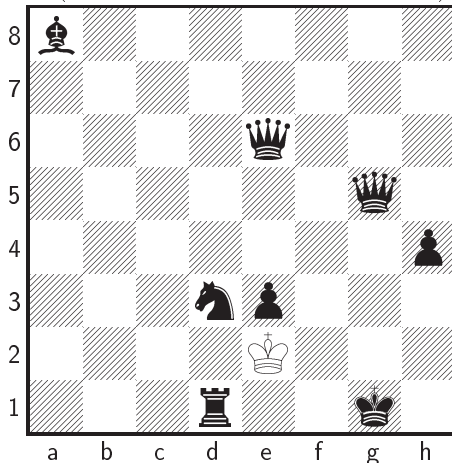
6+1: Black played last.
Last 6 single moves?

B7b) Faat Fatchullin



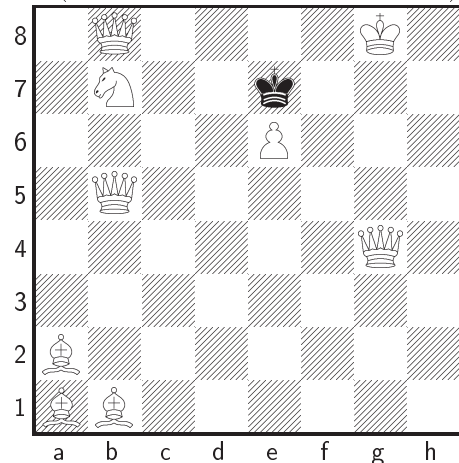
1+6: Black mates in 1 move.
(Last 6 single moves?)

B9) Nenad Petrović
(version by Alain Brobecker)



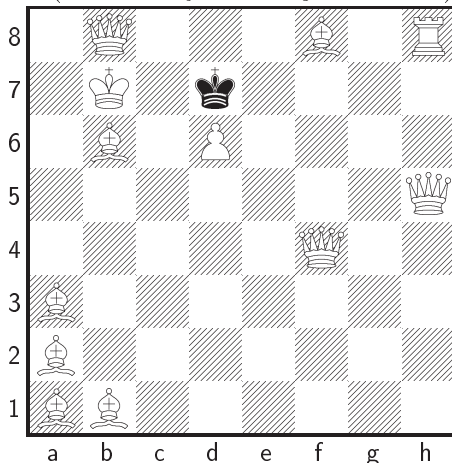
1+8: White played last.
Last 7 single moves?

B10) Nenad Petrović
(version by Dmitrij Baibikov)



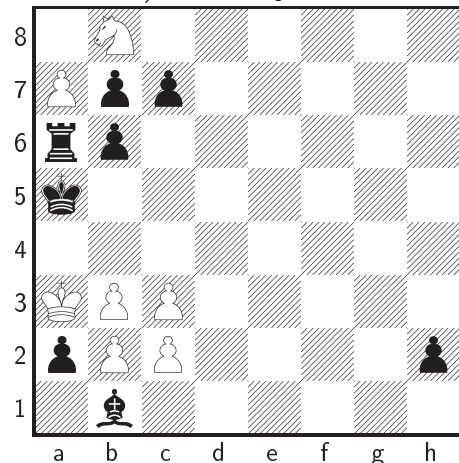
9+1: Black played last.
Last 8 single moves?

B13) Nenad Petrović
(version by Dmitrij Baibikov)



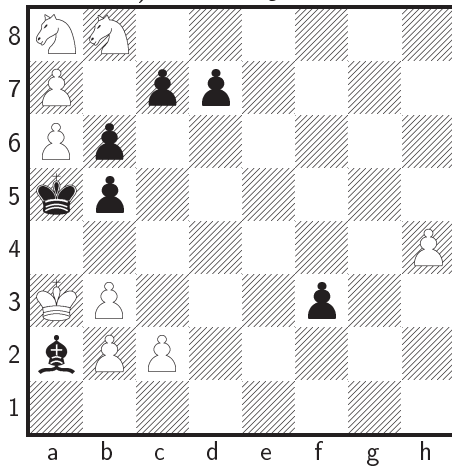
12+1: Black played last.
Last 10 single moves?

B15) Dmitrij Baibikov



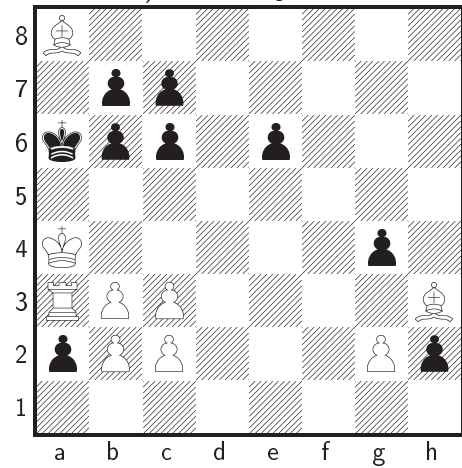
7+8: Black played last.
Last 18 single moves?

B16) Dmitrij Baibikov



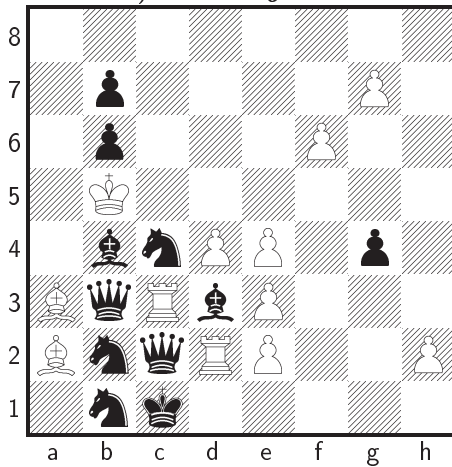
9+7: White played last.
Last 22 single moves?

B18) Dmitrij Baibikov



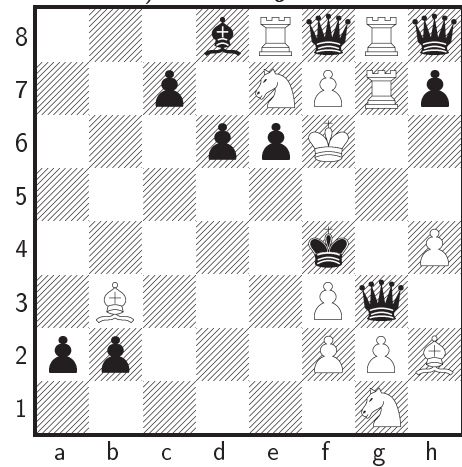
9+9: White played last.
Last 26 single moves?

B23) Dmitrij Baibikov



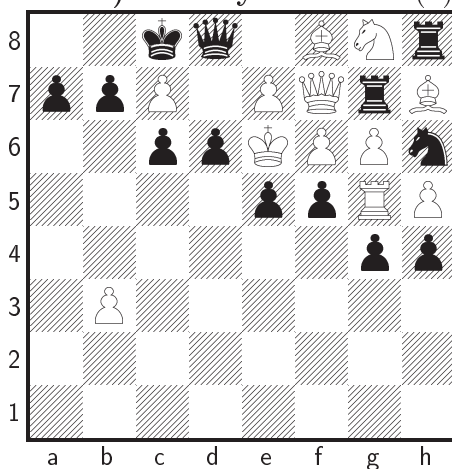
12+11: White played last.
Last 46 single moves?

B24) Dmitrij Baibikov



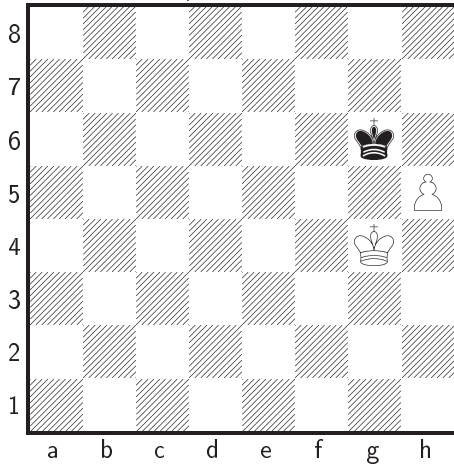
11+13: Black played last.
Last 50 single moves?

B25) Andrey Kornilov (v)



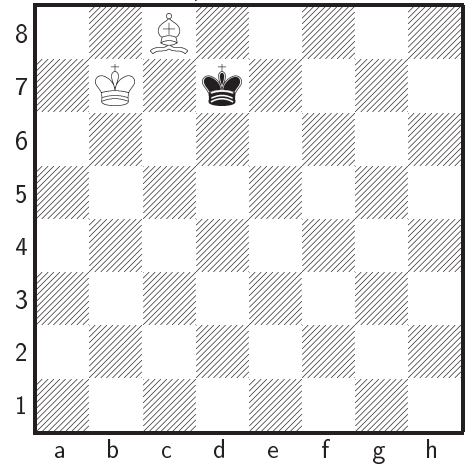
12+13: Black played last.
Last 90 single moves?

C3a) Niels Høeg



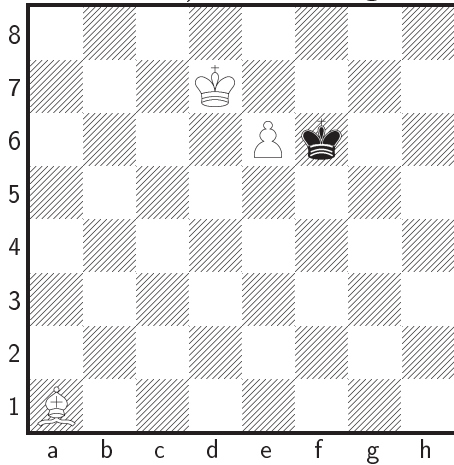
2+1: Last single move?

C3b) Niels Høeg



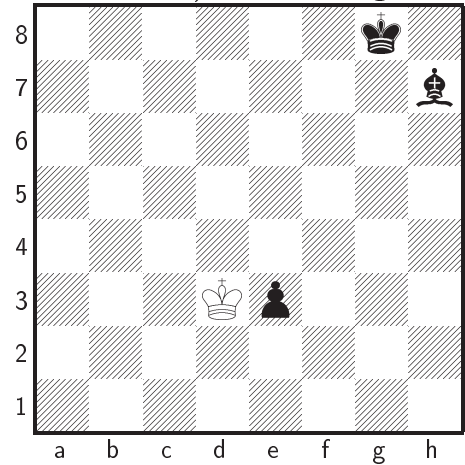
2+1: Last single move?

C4a) Niels Høeg



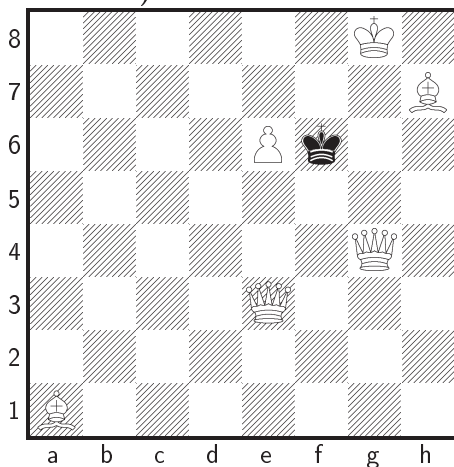
3+1: Last 3 single moves?

C4b) Niels Høeg



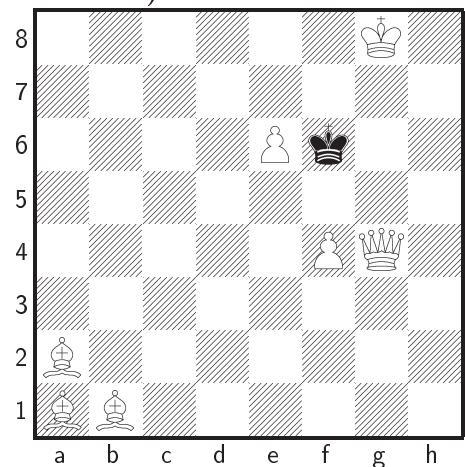
1+3: Last 3 single moves?

C7) Nenad Petrović



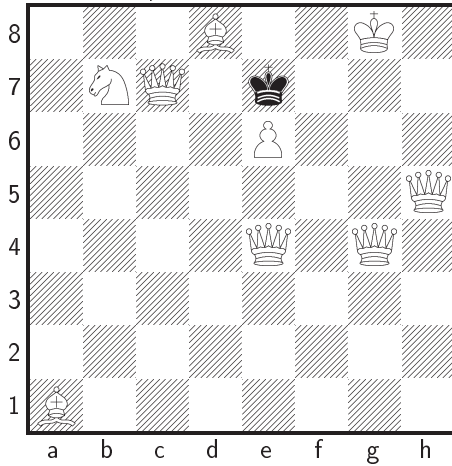
6+1: Last 6 single moves?

C8) Nenad Petrović



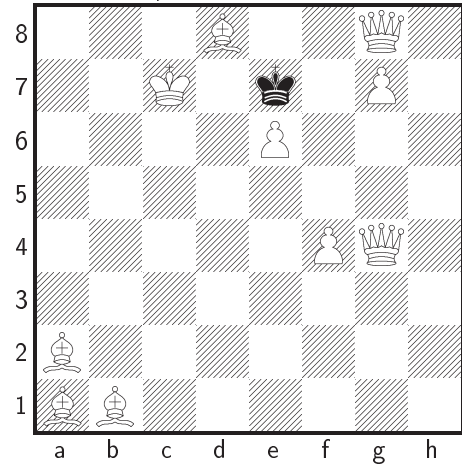
7+1: Last 7 single moves?

C10) Nenad Petrović



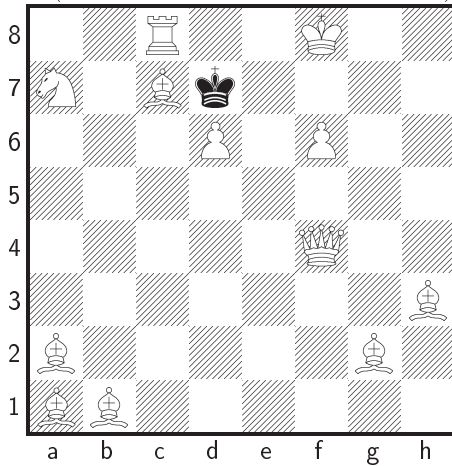
9+1: Last 8 single moves?

C11) Nenad Petrović



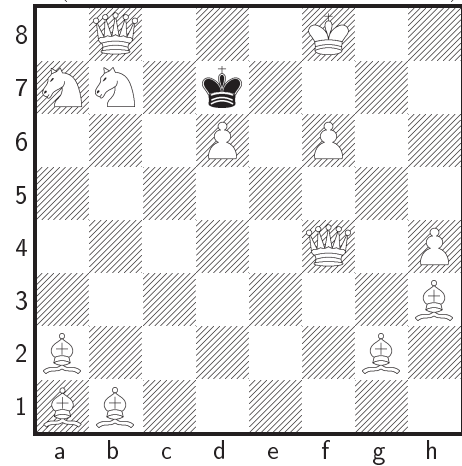
10+1: Last 9 single moves?

C13) N.Plaksin & A.Kisljak
(version by Dmitrij Baibikov)



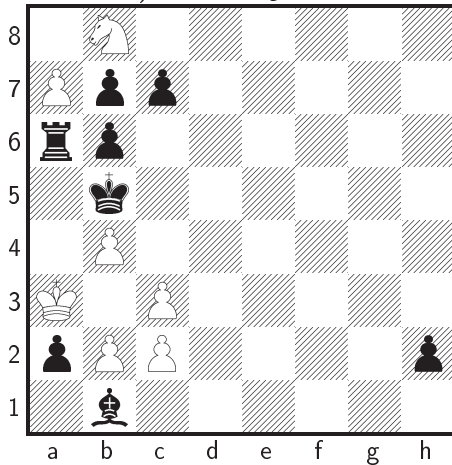
12+1: Last 11 single moves?

C14) N.Plaksin & A.Kisljak
(version by Dmitrij Baibikov)



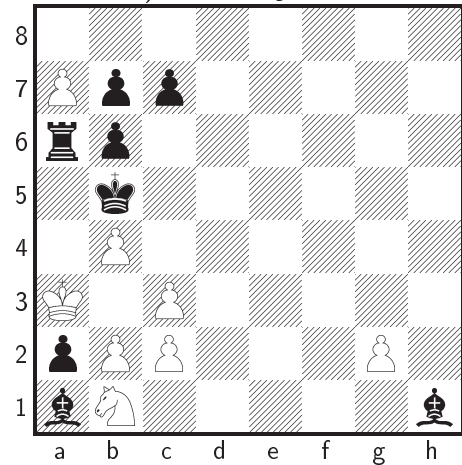
13+1: Last 12 single moves?

C15) Dmitrij Baibikov



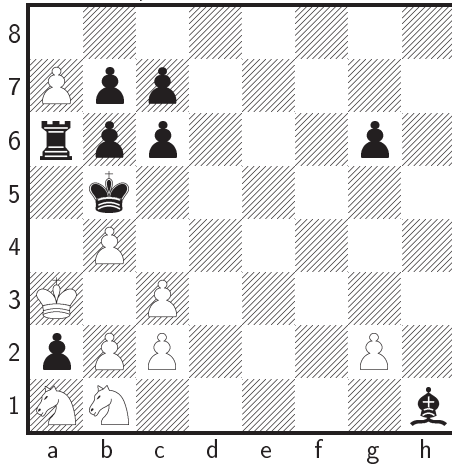
7+8: Last 20 single moves?

C16) Dmitrij Baibikov



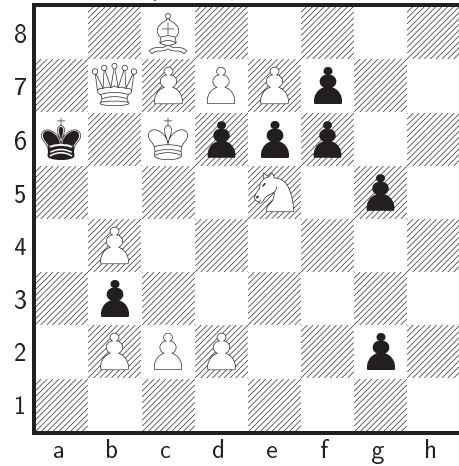
8+8: Last 22 single moves?

C18) Dmitrij Baibikov



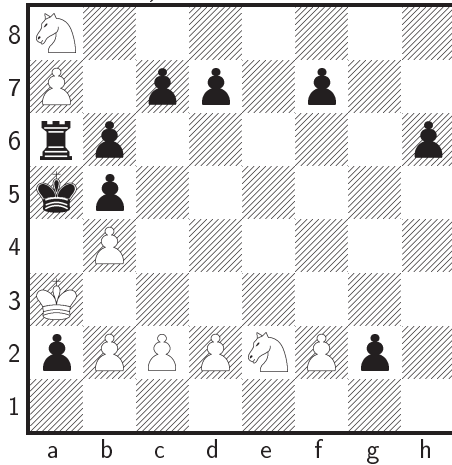
9+9: Last 24 single moves?

C19a) Dmitrij Baibikov



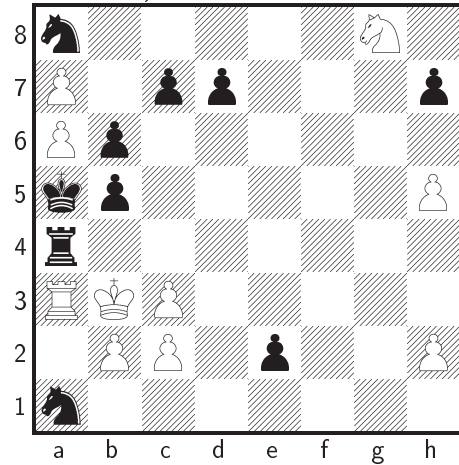
11+8: Last 26 single moves?

C19b) Dmitrij Baibikov



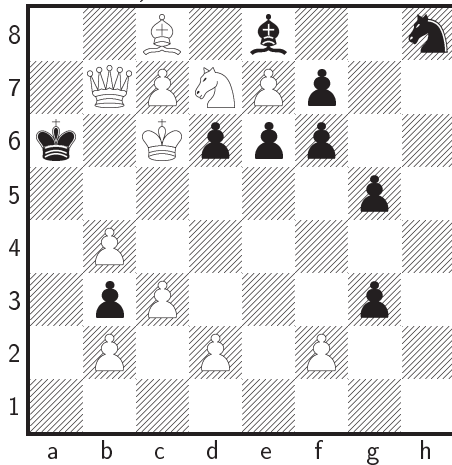
9+10: Last 26 single moves?

C20) Dmitrij Baibikov



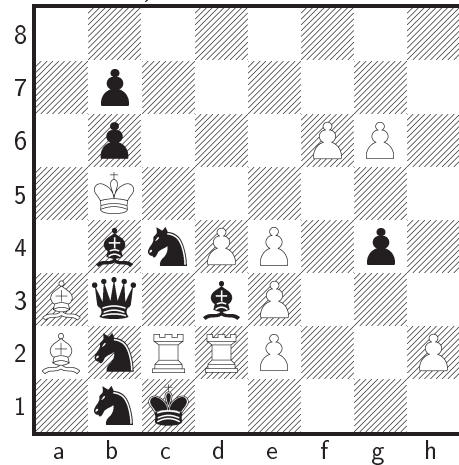
10+10: Last 29 single moves?

C21) Dmitrij Baibikov



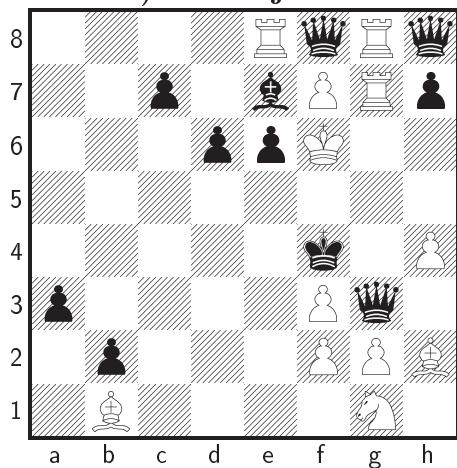
11+10: Last 30 single moves?

C22) Dmitrij Baibikov



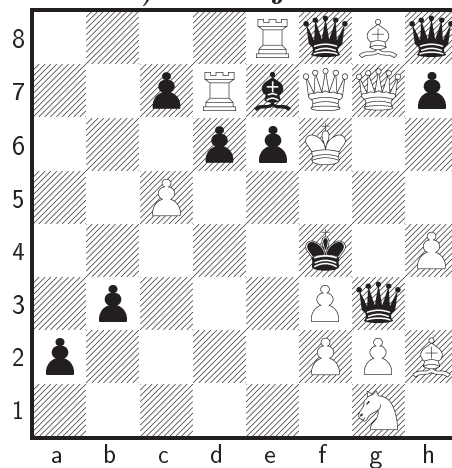
12+10: Last 46 single moves?

C23) Dmitrij Baibikov



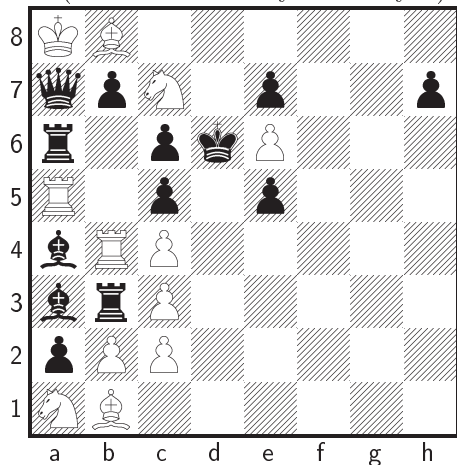
12+11: Last 50 single moves?

C24) Dmitrij Baibikov



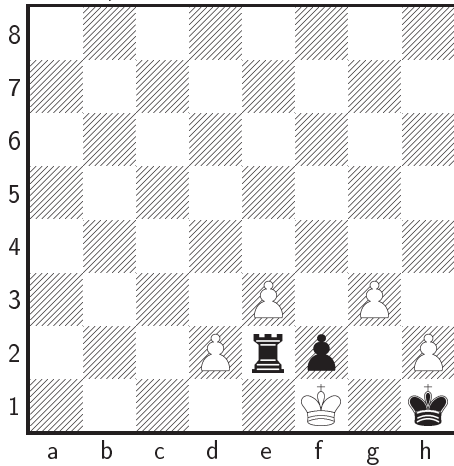
13+11: Last 54 single moves?

C25) Gerd Wilts (v)
(correction of Gyula Breyer)



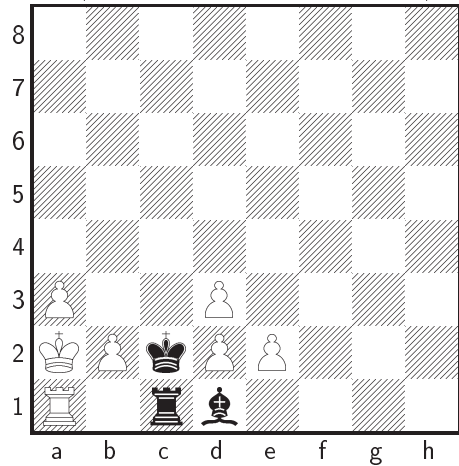
12+13: Last 96 single moves?

D8) Wolfgang Dittmann



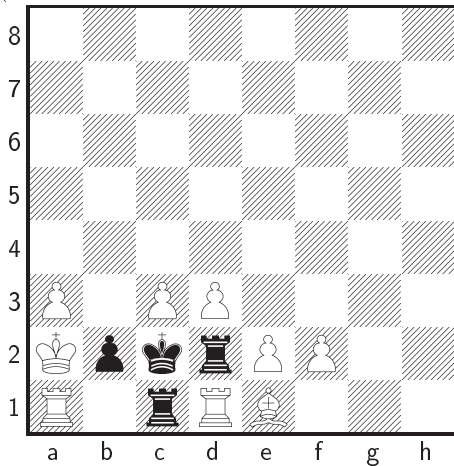
5+3: Last single move? Duplex.

D10) Andrew Buchanan
(after Bernd Schwarzkopf)



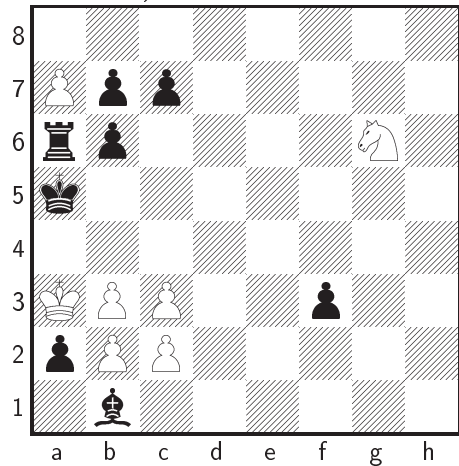
7+3: Last 2 single moves? Duplex.

D13) Dmitrij Baibikov
(after A.Buchanan & B.Schwarzkopf)



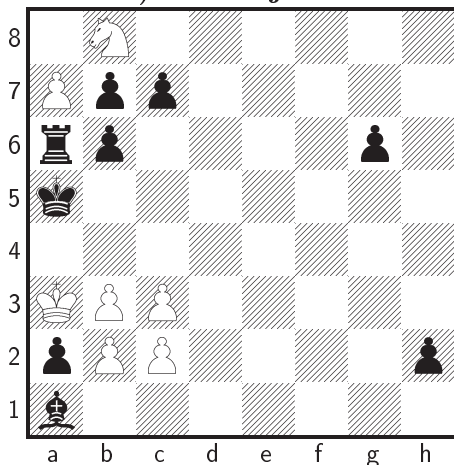
9+4: Last 3 single moves? Duplex.

D15) Dmitrij Baibikov



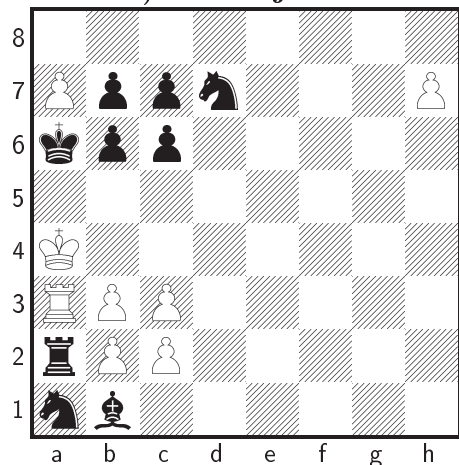
7+8: Last 15 single moves? Duplex.

D16) Dmitrij Baibikov



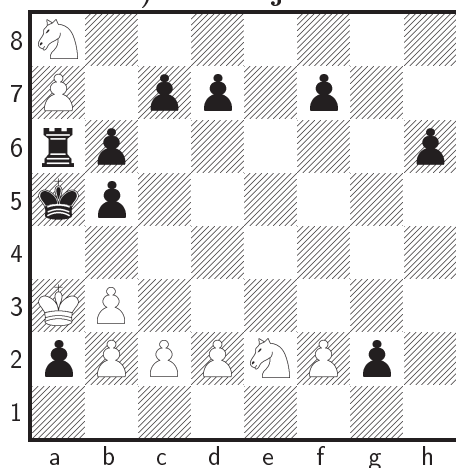
7+9: Last 17 single moves? Duplex.

D17) Dmitrij Baibikov



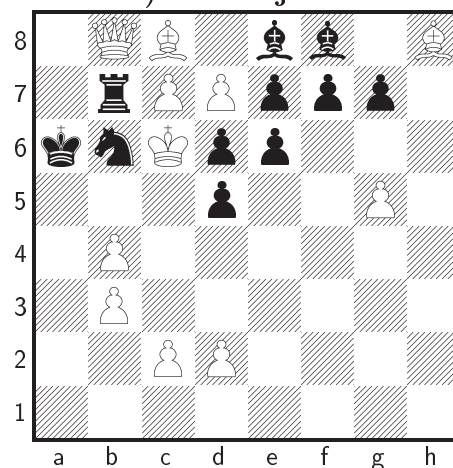
8+9: Last 19 single moves? Duplex.

D19) Dmitrij Baibikov



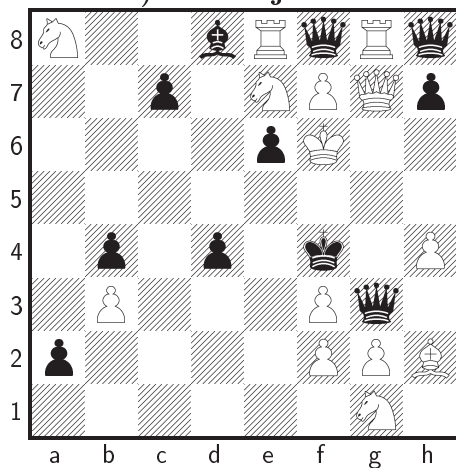
9+10: Last 24 single moves? Duplex.

D22) Dmitrij Baibikov



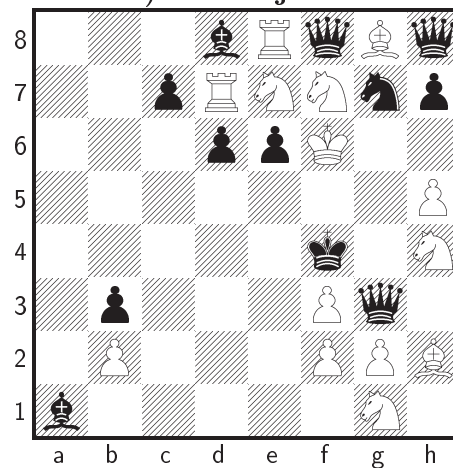
11+11: Last 25 single moves? Duplex.

D25) Dmitrij Baibikov



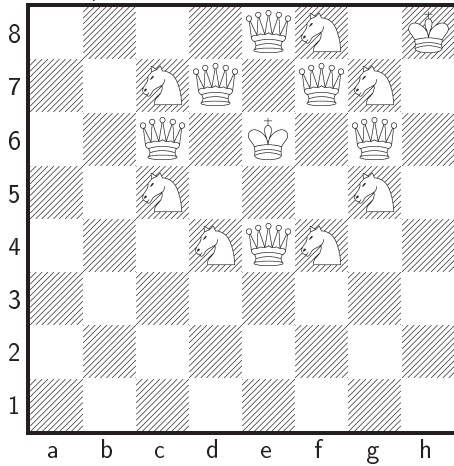
14+11: Last 45 single moves? Duplex.

D26) Dmitrij Baibikov



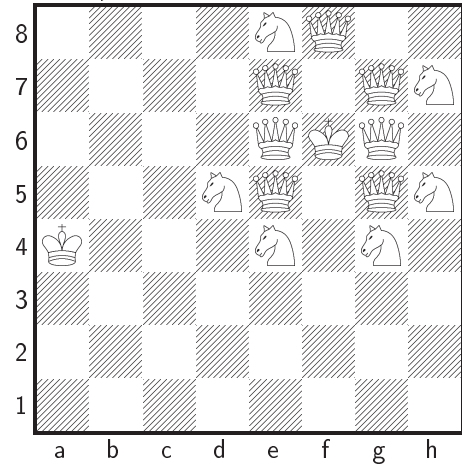
14+12: Last 49 single moves? Duplex.

E15a) A.Frolkin & A.Kornilov



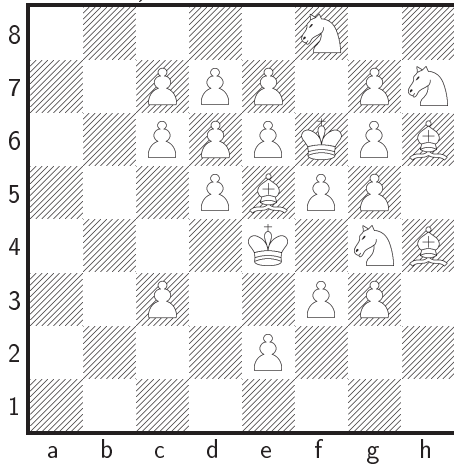
?+?=15: Color the pieces.
Last single move?

E15b) A.Frolkin & A.Kornilov



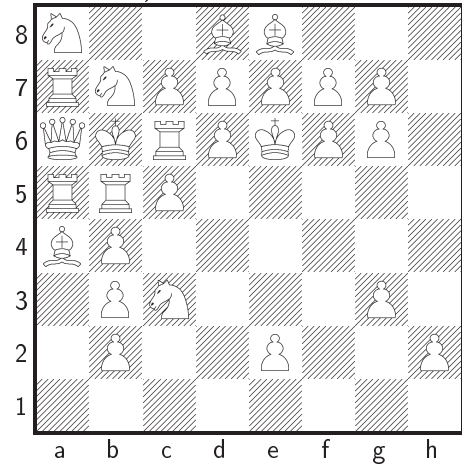
?+?=15: Color the pieces.
Last single move?

E23) Dmitrij Baibikov



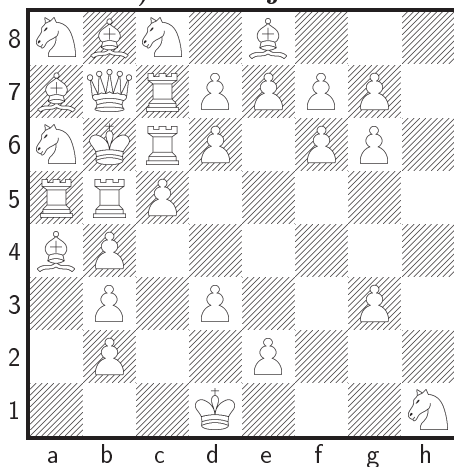
?+?=23: Color the pieces.
Last 4 single moves?

E28) Dmitrij Baibikov



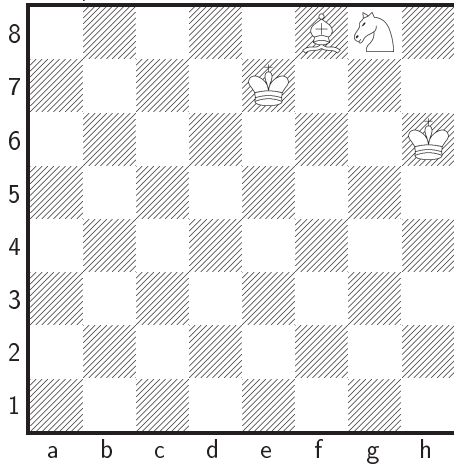
?+?=28: Color the pieces.
Last 20 single moves?

E29) Dmitrij Baibikov



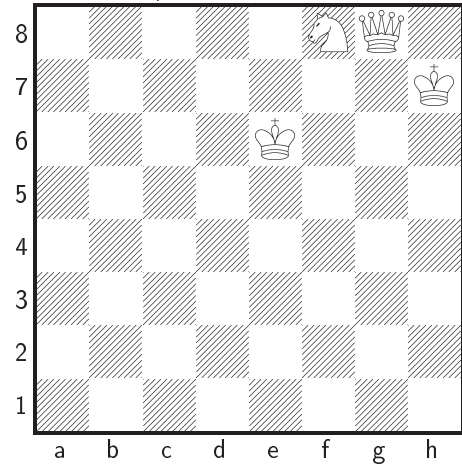
?+?=29: Color the pieces.
Last 22 single moves?

F4a) A.Frolkin & A.Kornilov



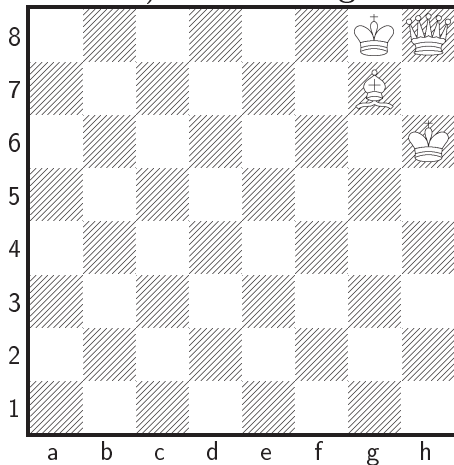
?+?=4: Color the pieces.
Last single move?

F4b) Gidéon Husserl



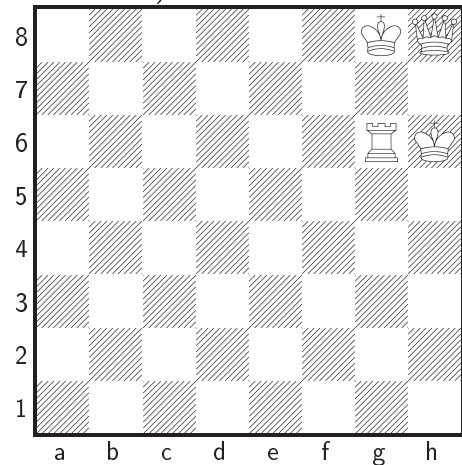
?+?=4: Color the pieces.
Last single move?

F4c) Henri Nougier



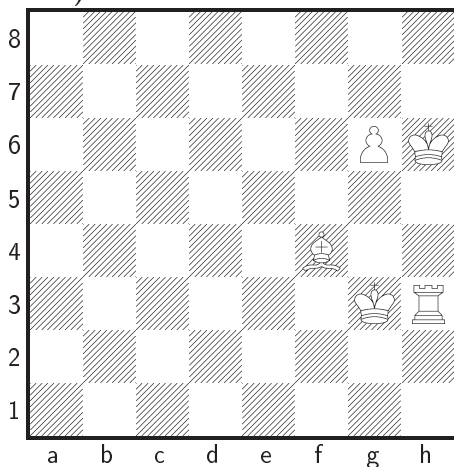
?+?=4: Color the pieces.
Last single move?

F4d) Gidéon Husserl



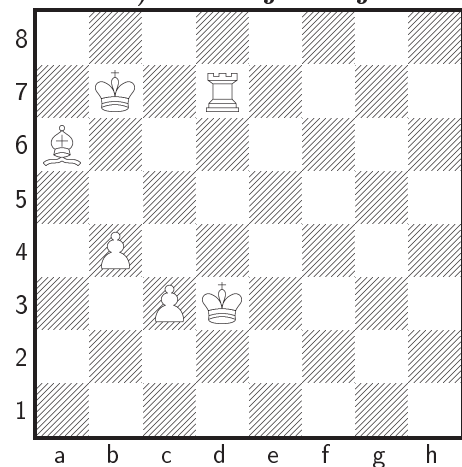
?+?=4: Color the pieces.
b) Rg6 → g7, color, last single move?

F5) A.Frolkin & A.Kornilov



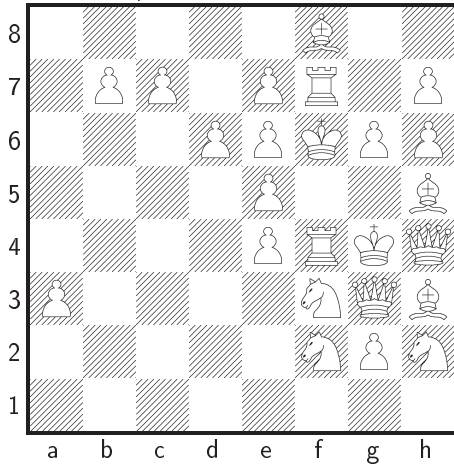
?+?=5: Color the pieces.
Last 2 single moves?

F6) Nikolaj Burljaev



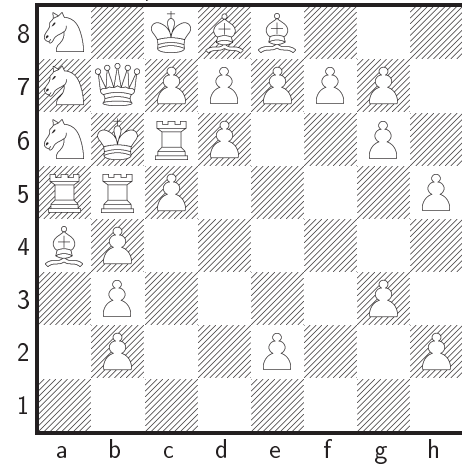
?+?=6: Color the pieces.
Last 3 single moves?

F24) Andrey Kornilov



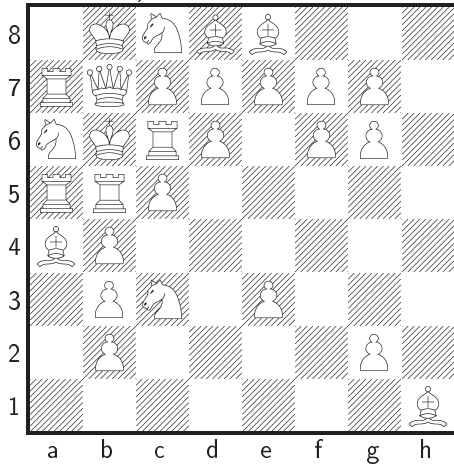
?+?=24: Color the pieces.
Last 11 single moves?

F27) Dmitrij Baibikov



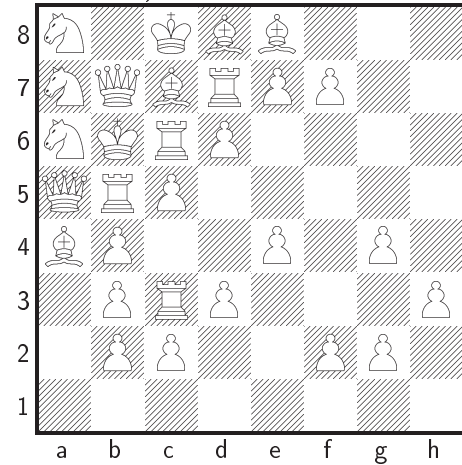
?+?=27: Color the pieces.
Last 13 single moves?

F28) Dmitrij Baibikov



?+?=28: Color the pieces.
Last 21 single moves?

F29) Dmitrij Baibikov



?+?=29: Color the pieces.
Last 27 single moves?

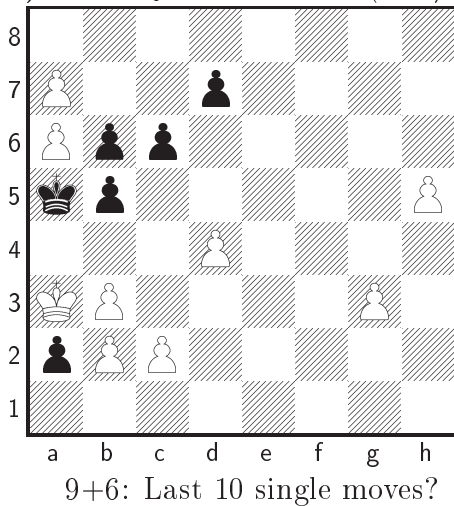
Older problems

The following problems were added because the number of pages needed to be a multiple of 4. Another reason is because those problems were either specifically designed with the length record in mind by people who helped me with the booklet (I, II, III, V, VII and VIII), or they may have an historical value in my limited knowledge (IV, VI, IX, X and also the source of II).

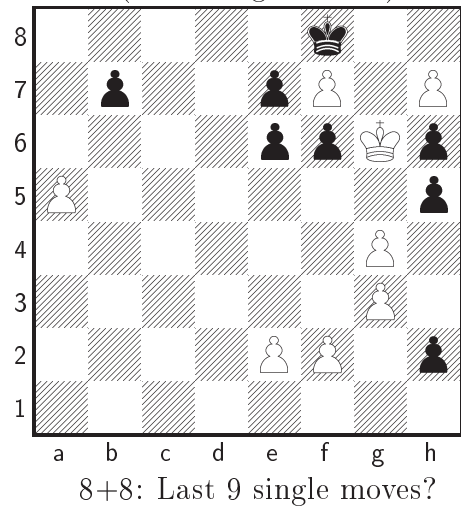
While the rest of the booklet is objective (as long as the problems are not proven to be cooked), this part is not. Making a full history of the records is far above my abilities and i only hope the choice of problems made here won't hurt any feeling. In such case i (Alain Brobecker) am the only one responsible and i am very sorry for this. But don't hesitate to say, maybe we'll see a 36 pages booklet one day or another...



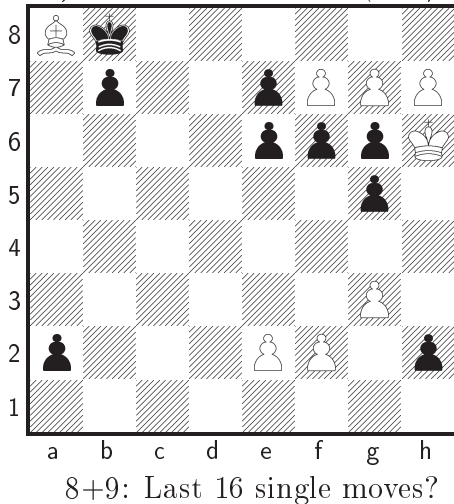
I) Thierry Le Gleuher (A15/10)



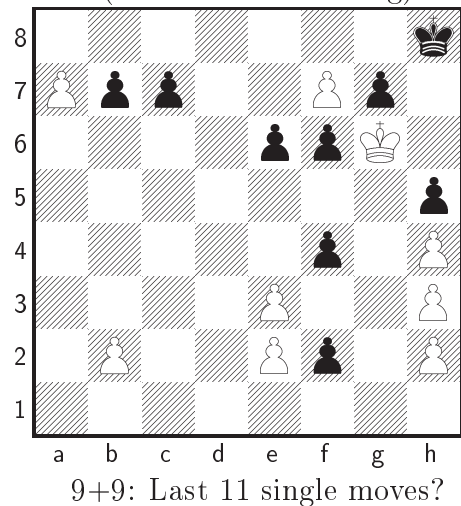
II) Dmitrij Baibikov (A16/9)
(after Luigi Ceriani)



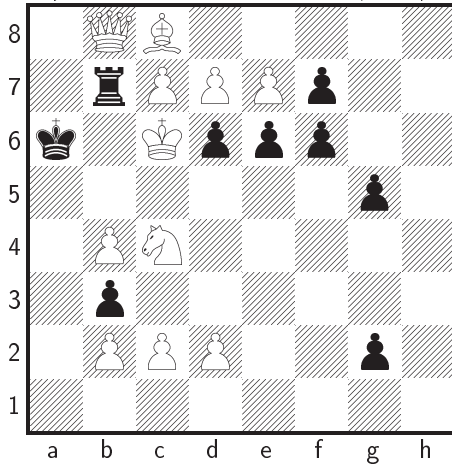
III) Dmitrij Baibikov (A17/16)



IV) Gerd Wilts (A18/11)
(after Pascal Wassong)

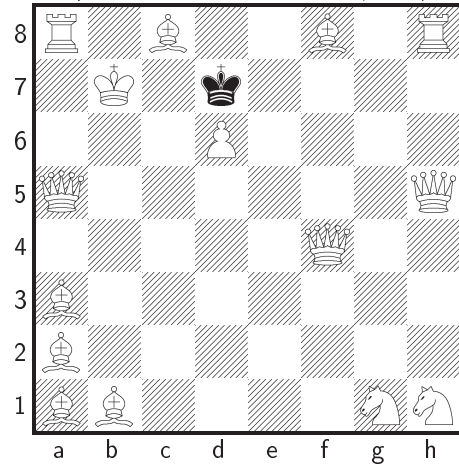


V) Dmitrij Baibikov (A20/26)



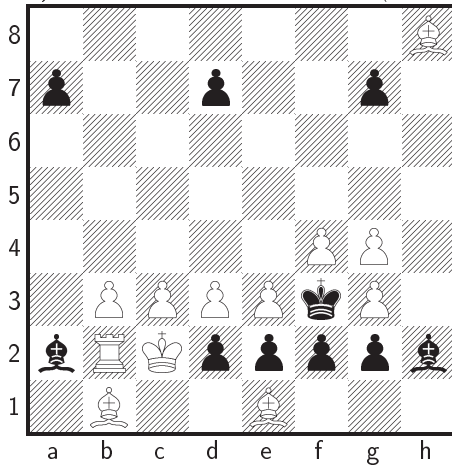
11+9: Last 26 single moves?

VI) Nenad Petrović (C16/12)



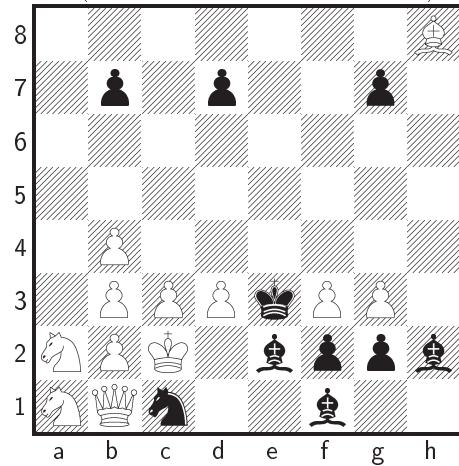
15+1: Last 12 single moves?

VII) Bernd Schwarzkopf (D22a/15)



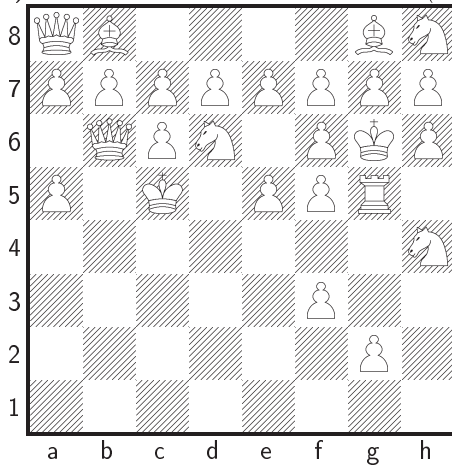
12+10: Last 15 single moves? Duplex.

VIII) Andrew Buchanan (D22b/15)
(after Bernd Schwarzkopf)



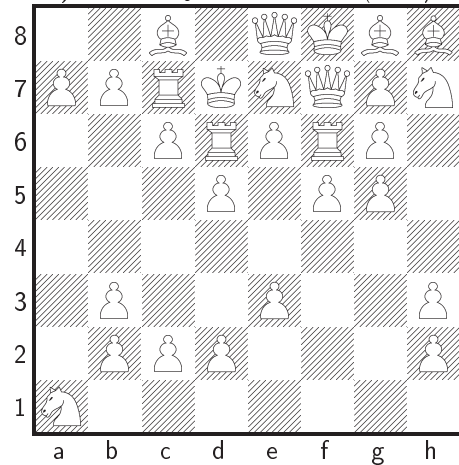
12+10: Last 15 single moves? Duplex.

IX) A.Kornilov & A.Frolkin (E26/4)



?+?=26: Color the pieces.
Last 4 single moves?

X) Andrey Kornilov (F29/19)



?+?=29: Color the pieces.
Last 19 single moves?

Solutions

Please note that the solutions are given in "forward play" form. So if you want to retract from the diagram position, you must retract the last written move first.

A7a) Skakbladet, 1924.
n... Kb4xNa3

A7b) Skakbladet, 1924.
n... Kd1xNc1

A8) Skakbladet, 1924.
n-1... Nc3-b1 n.Ba2xNb1

A10) Original 2007/06. Source is Karl Fabel, Die Schwalbe, 1937.
8/8/8/8/8/P7/KPkPP3/R1Bb4, 7+2: Last single move? (could be last 2 single moves)
n-1.Ra1-b1 Nb3-a1 n.Rb1xNa1

A12) Original 2007/04. Source is Teophilus Harding Willcocks, Die Schwalbe, 1964, comm.
4br1b/3prk1K/4pppp/8/8/8/8/8, 1+10: Last 3 single moves?
n-2... Bg7-h8 n-1.Nf5-g7 Bh8xNg7 n.Rg8-h8 Bg7xRh8

A14) Original 2007/03. Source is Franck Christiaans, Die Schwalbe, 1995, dedicated to W.Keym.
k7/B1P1p1p1/BQ1B4/1K6/8/4B3/PPPP4/8, 11+3: Last move?
n-3... Ka8-a7 n-2.Nb6-a8+ Ka7xNa8 n-1.Bd4-a7 b7-b6 n.Ba5xb6

A15) Original 2009/04.
n-8.h2-h3 Kb5-a5 n-7.h3-h4 Na4-c5 n-6.h4-h5 Nc5-e6 n-5.h5-h6 Ne6-g7 n-4.h6xNg7 h7-h6 n-3.g7-g8=N h6-h5 n-2.Ng8-f6 h5-h4 n-1.Nf6-d7 h4-h3 n.Nd7-b8

A16) Original 2009/04.
n-10... Nc6-a7 n-9.b6xNa7 b7-b6 n-8.f2-f3 Bc8-b7 n-7.f3-f4 Bb7-d5 n-6.f4-f5 Bd5-e6 n-5.f5xBe6 f7-f6 n-4.e6-e7 f6-f5 n-3.e7-e8=R f5-f4 n-2.Re8-e1 f4-f3 n-1.Re1-b1 a2xRb1=B n.h2-h3 Bb1-a2

A19) Original 2009/11.
n-12... b7-b6 n-11.h2-h3 Bc8-b7 n-10.h3-h4 Bb7-f3 n-9.h4-h5 Bf3xPh5 n-8.g2-g3 Bh5-g6 n-7.g3-g4 Bg6-h7 n-6.g4-g5 Bh7-g8 n-5.g5-g6 Bg8-h7 n-4.g6xBh7 g7-g6 n-3.h7-h8=B g6-g5 n-2.Bh8-e5 g5-g4 n-1.Be5-h2 g4-g3 n.Bh2-g1 g3-g2

A20) Original 2009/04.
n-14... b7-b6 n-13.f2-f3 Bc8-b7 n-12.f3-f4 Bb7-f3 n-11.f4-f5 Bf3-g4 n-10.f5-f6 Bg4-h3 n-9.g2xBh3 g3-g2 n-8.h3-h4 g2-g1=R n-7.h4-h5 Rg1-g4 n-6.Na4-c5+ Rg4-a4 n-5.Nc5-e6 f7xNe6 n-4.f6-f7 e6-e5 n-3.f7-f8=N e5-e4 n-2.Nf8-g6 e4-e3 n-1.Ng6-e7 e3-e2 n.Ne7-g8

A22) Original 2007/05.
n-14... a4-a3 n-13.h2-h3 a3-a2 n-12.h3-h4 a2-a1=R n-11.h4-h5 Ra1-a5 n-10.h5-h6 Ra5-b5 n-9.Nb7-a5+ Rb5-b7 n-8.Na5-c4 g7-g6 n-7.Nc4-e5 g6-g5 n-6.Ne5-g6 h7xNg6 n-5.h6-h7 g5-g4 n-4.h7-h8=N g6-g5 n-3.Nh8-g6 g4-g3 n-2.Ng6-e5 Nd7-f8 n-1.Ne5-d7 Nf8-g6 n.c2-c3 Ng6-h8

A23) Original 2009/11.
n-22... Ba5-b4+ n-21.Kc5-b5 a7xQb6 n-20.a6-a7 f7-f6 n-19.a7-a8=Q f6-f5 n-18.Qa8-c8 f5-f4 n-17.Qc8-h3 f4-f3 n-16.Qh3-g2 f3xQg2 n-15.f2-f3 g2-g1 n-14.f3-f4 Ng1-h3 n-13.f4-f5 Nh3-f2 n-12.f5-f6 Nf2-d1

n-11.Nb2-a4+ Nd1-b2 n-10.Na4-c5 g7-g6 n-9.Nc5-d7 g6-g5 n-8.Nd7-e5 g5-g4 n-7.Ne5-f3 g4xNf3 n-6.g3-g4 f3-f2 n-5.g4-g5 f2-f1=Q n-4.g5-g6 Qf1-d1 n-3.Nc2-e1+ Qd1-c2 n-2.Ne1-f3 h7-h6 n-1.Nf3-e5 h6-h5 n.Ne5-g4 h5xNg4

A24) Original 2008/08.

(n-26.e2xR(B)f3+ Kg4-f4 n-25.Bf1-d3 b(d)7-b(d)6) n-24.Bd3-e4 f5xBe4 n-23.a2-a3 e4-e3 n-22.a3-a4 e3-e2 n-21.a4-a5 e2-e1=Q n-20.a5-a6 Qe1-a5 n-19.c2-c3 Qa5-h5 n-18.c3-c4 Qh5-g4 n-17.Ng3-f5+ Qg4-g3 n-16.c4-c5 Ne7-c6+ n-15.Nf5-e7 Nc6-a5 n-14.c5-c6 Na5-b7 n-13.a6xNb7 a7-a6 n-12.b7-b8=R a6-a5 n-11.Rb8-a8 a5-a4 n-10.Ra8-a5 a4-a3 n-9.Ra5-g5 Ng7-f5+ n-8.Rg5-g7 Nf5-d4 n-7.b2-b3 Nd4xPc6 n-6.b3-b4 Nc6-b8 n-5.b4-b5 Nb8-a6 n-4.b5xNa6 b6-b5 n-3.a6-a7 b5-b4 n-2.a7-a8=B b4-b3 n-1.Ba8-e4 b3-b2 n.Be4-b1

A25) Version of Andrey Kornilov, 171v Shakhmatnaja Kompozitsija n°38, 2000, prize.

2k1QBNr/ppP1P1rB/2ppKPPn/4ppRP/6pp/8/PPP5/8, 14+12: Mate in 1 move.

Uses 50 moves rule.

(n-50.. e6-e5 n-49.Nd4-e6 Rd8-d7 n-48.Ne6-d8 Ng8-h6+ n-47.Ke6-f7 Nh6-g8 n-46.Qg7-f7 Ng8-h6 n-45.Bf8-g7 Re8-g8 n-44.Qf7-f8 Nh6-f7 n-43.Qf8-e8 Nf7-h6) n-42.Nd8-f7+ Rd7-d8 n-41.Qe8-f8 Rd8-e8 n-40.Nf7-d8 Nh6-f7 n-39.Bg7-h6 Rg8-g7 n-38.Bh7-g8 Rg7-h7 n-37.Bh6-Bg7 Rh7-h6 n-36.Bg8-h7 Qh8-g8 n-35.Bg7-h8 Qg8-g7 n-34.Bh7-g8 Qg7-h7 n-33.Bh8-g7 Nf7-h8 n-32.Qf8-f7 Re8-f8 n-31.Qf7-e8 Rf8-f7 n-30.Bg7-f8 Qh7-g7 n-29.Bg8-h7 Qg7-g8 n-28.Bf8-g7 Qg8-f8 n-27.Bh7-g8 Rh6-h7 n-26.Bg7-h6 Rf7-g7 n-25.Qe8-f7 Qf8-e8 n-24.Qf7-f8 Rg7-f7 n-23.Qf8-g7 Rf7-f8 n-22.Qg7-f7 Rh7-g7 n-21.Bg8-h7 Rg7-g8 n-20.Qf7-g7 Rf8-f7 n-19.Qg7-f8 Rf7-g7 n-18.Nd8-f7 Qe8-d8 n-17.Qf8-e8 Rg8-f8 n-16.Bh7-g8 Rg7-h7 n-15.Bh6-g7 Rh7-h6 n-14.Bg8-h7 Rf8-g8 n-13.Bg7-f8 Rg8-g7 n-12.Bh7-g8 Rh6-h7 n-11.Nf7-h6 Rg7-f7 n-10.Bf8-g7 Rf7-f8 n-9.Qe8-f7 Rf8-e8 n-8.Qf7-f8 Nh8-f7 n-7.Bg7-h8 Rh7-g7 n-6.Bg8-h7 Rg7-g8 n-5.Bh8-g7 Rg8-h8 n-4.Nh6-g8 Nf7-h6 n-3.Qf8-f7 Re8-f8 n-2.Qf7-e8 Rf8-f7 n-1.Bg7-f8 Rf7-g7 n.Qe8-f7 Qd8-e8

A26) Die Schwalbe n°129 (7373), 1991/06, special prize, dedicated to A.Kornilov. Corrected version of Gyula Breyer, Chess Amateur, 1922, dedicated to T.R.Dawson and W.Hundsorffer, the Greatest Masters of Retrograde Analysis.

KB6/QpN1p2p/rRpkP3/1Rp1p3/bqP5/brP5/pPP5/NB6, 13+13: Who Wins?

Uses 50 moves rule.

n-84.Nb3-a1 Qa2-b3 n-83.Ra3-a2 Qb3-a3 n-82.Qb4-b3 Qa3-b4 n-81.Qb3-a3 Ba4-b3 n-80.Qa3-a4 Qb4-a3 n-79.Qa4-b4 Qa3-a4 n-78.Ra2-a3 Bb3-a2 n-77.Ra3-b3 Qa4-a3 n-76.Qb4-a4 Rb5-b4 n-75.Qa4-b5 Qa3-a4 n-74.Rb3-a3 Rb4-b3 n-73.Qb5-b4 Qa4-b5 n-72.Qb4-a4 Rb3-b4 n-71.Qa4-b3 Rb4-a4 n-70.Qb3-b4 Ba2-b3 n-69.Ra3-a2 Ra4-a3 n-68.Qb4-a4 Qb5-b4 n-67.Qa4-b5 Ra3-a4 n-66.Ra2-a3 Bb3-a2 n-65.Ra3-b3 Ra4-a3 n-64.Qb5-a4 Qb4-b5 n-63.Rb3-b4 Ra3-b3 n-62.Qa4-a3 Qb5-a4 n-61.Rb4-b5 Rb3-b4 n-60.Qa3-b3 Qa4-a3 n-59.Qb3-a4 Qa3-b3 n-58.Qa4-a3 a5-a4 n-57.Rb5-a5 Rb4-b5 n-56.Qa3-b4 Qb3-a3 n-55.Qb4-b3 Qa3-b4 n-54.Qb3-a3 Ba2-b3 n-53.Qa3-a2 a4-a3 n-52.Ra5-a4 Qb4-a5 n-51.Ra4-b4 Bb3-a4 n-50.Qa2-b3 Pa3-a2 n-49.Qb3-a3 Ba4-b3 n-48.Rb4-a4 Rb5-b4 n-47.Rb6-b5 Qa5-b6 n-46.Ra4-a5 Rb4-a4 n-45.Qa3-b4 Ra4-a3 n-44.Ra5-a4 Qb6-a5 n-43.Rb5-b6 Qa5-b5 n-42.Qb4-a5 Qb5-b4 n-41.Rb6-b5 Ra6-b6 n-40.Qa5-a6 Qb4-a5 n-39.Ra4-b4 Bb3-a4 n-38.Rb4-b3 Qa5-b4 n-37.Qa6-a5 Rb6-a6 n-36.Qa5-b6 Qb4-a5 n-35.Rb5-b4 Ba4-b5 n-34.Rb4-a4 Qa5-b4 n-33.Ra4-a5 Qb4-a4 n-32.Rb3-b4 Qa4-b3 n-31.Ra5-a4 Ra6-a5 n-30.Qb6-a6 Ba7-b6 n-29.Qa6-a7 Ra5-a6 n-28.Ra4-a5 Bb5-a4 n-27.Ra5-b5 Bb6-a5 n-26.Rb5-b6 Ba4-b5 n-25.Rb4-a4 Ba5-b4 n-24.Ra4-a5 Bb5-a4 n-23.Rb6-b5 Ra6-b6 n-22.Ra5-a6 Bb4-a5 n-21.Rb5-b4 Ba4-b5 n-20.Rb4-a4 Ba5-b4 n-19.Ra6-a5 Bb5-a6 n-18.Ra5-b5 Bb4-a5 n-17.Ra4-b4 Qb3-a4 n-16.Rb4-b3 Ba5-b4 n-15.Rb5-a5 Qa4-b5 n-14.Ra5-a4 Bb4-a5 n-13.Rb3-b4 Ra3-b3 n-12.Ra4-a3 Qb5-a4 n-11.Rb4-b5 Ba5-b4 n-10.Rb5-a5 Ba6-b5 n-9.Ra5-a6 Qa4-a5 n-8.Ra3-a4 Bb4-a3 n-7.Ra4-b4 Bb5-a4 n-6.Rb4-b5 Qa5-b4 n-5.Ra6-a5 Rb6-a6 n-4.Rb5-b6 Ba4-b5 n-3.Ra5-a4 Qb4-a5 n-2.Ra4-b4 Bb5-a4 n-1.Rb6-b5 Qa5-b6 n.Rb5-a5 Qb6-b5

B3) Skakbladet, 1924.

n.a6-a7

B4a) Original 2007/05. Source is Valery Liskovets, Valerij Voinov, Shakhmaty v SSSR, 1974, 2nd TT, special comm. kB6/2P5/N1K5/8/8/8/8/8, 4+1: #3.

n.b7-b8=B+ Ka7-a8 (if Ka7x?a8 retro stalemate)

B4b) Original 2007/07.

n.a6-a7+ Kb8-a8 (if Kb8x?a8 retro stalemate)

B4c) Problem n°31-32, 1955/09.

n-1... a2-a1=B+ n.Kb2-a2

B5a) Version 2007/05 of Valery Liskovets, Valerij Voinov, Shakhmaty v SSSR, 1974, 2nd TT, special comm. kB6/2P5/N1K5/8/8/8/8/8: 4+1, #3.

n-1.b6-b7+ Ka8-a7 n.b7-b8B+ Ka7-a8

B5b) Shakhmaty v SSSR, 1974, 2nd TT, special comm. Source is Arthur Ford Mackenzie, Jamaica Gleaner, 1891. kB6/2P6/2K6/8/8/8/8/8, 3+1: #3.

n-1.b6-b7+ Ka8-a7 n.b7-b8B+ Ka7-a8 and then n+1.Ba7 Kxa7 n+2.c7-c8R Kxa6 n+3.Ra8#

B7a) Version 2007/05 of Joza Tucakov, problem n°21-22, 1954, 4th TT, 2nd HM.

1B6/k1K5/P1P5/P1P5/8/8/8/8, 6+1: 5 retromoves?

n-2.b5-b6+ Ka7-b8 n-1.b6-b7+ Ka8-a7 n.b7-b8B+ Ka7-a8

B7b) Vestnik Pribuzhja, 1991, 1st prize.

n-3... g4-g3+ n-2.Kh2-h1 g3-g2+ n-1.Kh1-h2 g2-g1B+ n.Kh2-h1 and then n... Ng5#

B9) Version 2007/04 of Nenad Petrović, problem n°21-22, 1954, 4th TT, 1st prize ex aequo.

6K1/7B/4Pk2/8/6Q1/4Q3/8/B7, 6+1: Last 6 single moves?

n-3.f2-f4 e4xf3+ n-2.Ke3xf3 d5-d4+ n-1.e2-e4 d4xe3+ n.Kf3-e2

B10) Version 2007/06 of Nenad Petrović, problem n°21-22, 1954, 4th TT.

3B2Q1/2K1k1P1/4P3/8/5PQ1/8/B7/BB6, 10+1: Last 9 single moves?

n-3.d3-d4+ f7-f5 n-2.g5xf6++ Kg6xPf6 n-1.d4-d5+ e7-e5 n.d5xe6+ Kf6-e7

B13) Version 2007/06 of Nenad Petrović, problem n°21-22, 1954, 4th TT.

R1B2B1R/1K1k4/3P4/Q6Q/5Q2/B7/B7/BB6, 13+1: Last 11 single moves?

n-4.f7-f8=B+ Kg7-f6 n-3.c3-c4+ e7-e5 n-2.f5xe6++ Kf6xPe6 n-1.c4-c5+ d7-d5 n.c5xd6+ Ke6-d7

B15) Original 2009/04.

n-8.h2-h3 Kb5-a5 n-7.h3-h4 Na4-c5 n-6.h4-h5 Nc5-e6 n-5.h5-h6 Ne6-g7 n-4.h6xNg7 h7-h6 n-3.g7-g8=N h6-h5 n-2.Ng8-f6 h5-h4 n-1.Nf6-d7 h4-h3 n.Nd7-b8 h3-h2

B16) Original 2009/04.

n-11... Nc6-a7 n-10.b6xNa7 b7-b6 n-9.f2-f3 Bc8-b7 n-8.f3-f4 Bb7-d5 n-7.f4-f5 Bd5-e6 n-6.f5xBe6 f7-f6 n-5.e6-e7 f6-f5 n-4.e7-e8=R f5-f4 n-3.Re8-e1 f4-f3 n-2.Re1-b1 a2xRb1=B n-1.h2-h3 Bb1-a2 n.h3-h4

B18) Original 2009/04.

n-13... a3-a2 n-12.Ra4-a3 g7-g6 n-11.Kb4-a4 g6-g5 n-10.Na5-c6 d7xNc6 n-9.h2-h3 Bc8-d7 n-8.h3-h4 Bd7-e8 n-7.h4-h5 Be8-g6 n-6.h5xBg6 h7-h6 n-5.g6-g7 h6-h5 n-4.g7-g8=B h5-h4 n-3.Bg8-h7 h4-h3

n-2.Bh7-f5 h3-h2 n-1.Bf5-h3 g5-g4 n.a7-a8=B

B23) Original 2009/11.

n-23... Ba5-b4+ n-22.Kc5-b5 a7xQb6 n-21.a6-a7 f7-f6 n-20.a7-a8=Q f6-f5 n-19.Qa8-c8 f5-f4 n-18.Qc8-h3 f4-f3 n-17.Qh3-g2 f3xQg2 n-16.f2-f3 g2-g1 n-15.f3-f4 Ng1-h3 n-14.f4-f5 Nh3-f2 n-13.f5-f6 Nf2-d1 n-12.Nb2-a4+ Nd1-b2 n-11.Na4-c5 g7-g6 n-10.Nc5-d7 g6-g5 n-9.Nd7-e5 g5-g4 n-8.Ne5-f3 g4xNf3 n-7.g3-g4 f3-f2 n-6.g4-g5 f2-f1=Q n-5.g5-g6 Qf1-d1 n-4.Nc2-e1+ Qd1-c2 n-3.Ne1-f3 h7-h6 n-2.Nf3-e5 h6-h5 n-1.Ne5-g4 h5xNg4 n.g6-g7

B24) Original 2008/08.

(n-26.e2xR(B)f3+ Kg4-f4 n-25.Bf1-d3 b(d)7-b(d)6) n-24.Bd3-e4 f5xBe4 n-23.a2-a3 e4-e3 n-22.a3-a4 e3-e2 n-21.a4-a5 e2-e1=Q n-20.a5-a6 Qe1-a5 n-19.c2-c3 Qa5-h5 n-18.c3-c4 Qh5-g4 n-17.Ng3-f5+ Qg4-g3 n-16.c4-c5 Ne7-c6+ n-15.Nf5-e7 Nc6-a5 n-14.c5-c6 Na5-b7 n-13.a6xNb7 a7-a6 n-12.b7-b8=R a6-a5 n-11.Rb8-a8 a5-a4 n-10.Ra8-a5 a4-a3 n-9.Ra5-g5 Ng7-f5+ n-8.Rg5-g7 Nf5-d4 n-7.b2-b3 Nd4xPc6 n-6.b3-b4 Nc6-b8 n-5.b4-b5 Nb8-a6 n-4.b5xNa6 b6-b5 n-3.a6-a7 b5-b4 n-2.a7-a8=B b4-b3 n-1.Ba8-d5 b3-b2 n.Bd5-b3 a3-a2

B25) Version 2007/06 of Andrey Kornilov, 171v Shakhmatnaja Kompozitsija n°38, 2000, prize.

2k1QBNr/ppP1P1rB/2ppKPPn/4ppRP/6pp/8/PPP5/8, 14+12: Mate in 1 move.

(n-50... e6-e5 n-49.Nd4-e6 Rd8-d7 n-48.Ne6-d8 Re8-f8+ n-47.Ke6-f7 Rf8-e8 n-46.Qg7-f7 Re8-f8 n-45.Bh6-g7 Ng8-h6) n-44.Qf7-e8 Rf8-g8 n-43.Nd8-f7+ Rd7-d8 n-42.Qe8-f8 Rd8-e8 n-41.Nf7-d8 Nh6-f7 n-40.Bg7-h6 Rg8-g7 n-39.Bh7-g8 Rg7-h7 n-38.Bh6-Bg7 Rh7-h6 n-37.Bg8-h7 Qh8-g8 n-36.Bg7-h8 Qg8-g7 n-35.Bh7-g8 Qg7-h7 n-34.Bh8-g7 Nf7-h8 n-33.Qf8-f7 Re8-f8 n-32.Qf7-e8 Rf8-f7 n-31.Bg7-f8 Qh7-g7 n-30.Bg8-h7 Qg7-g8 n-29.Bf8-g7 Qg8-f8 n-28.Bh7-g8 Rh6-h7 n-27.Bg7-h6 Rf7-g7 n-26.Qe8-f7 Qf8-e8 n-25.Qf7-f8 Rg7-f7 n-24.Qf8-g7 Rf7-f8 n-23.Qg7-f7 Rh7-g7 n-22.Bg8-h7 Rg7-g8 n-21.Qf7-g7 Rf8-f7 n-20.Qg7-f8 Rf7-g7 n-19.Nd8-f7 Qe8-d8 n-18.Qf8-e8 Rg8-f8 n-17.Bh7-g8 Rg7-h7 n-16.Bh6-g7 Rh7-h6 n-15.Bg8-h7 Rf8-g8 n-14.Bg7-f8 Rg8-g7 n-13.Bh7-g8 Rh6-h7 n-12.Nf7-h6 Rg7-f7 n-11.Bf8-g7 Rf7-f8 n-10.Qe8-f7 Rf8-e8 n-9.Qf7-f8 Nh8-f7 n-8.Bg7-h8 Rh7-g7 n-7.Bg8-h7 Rg7-g8 n-6.Bh8-g7 Rg8-h8 n-5.Nh6-g8 Nf7-h6 n-4.Qf8-f7 Re8-f8 n-3.Qf7-e8 Rf8-f7 n-2.Bg7-f8 Rf7-g7 n-1.Qe8-f7 Qd8-e8 n.b2-b3 Qe8-d8

C3a) Skakbladet, 1923.

n.h4-h5+

C3b) Skakbladet, 1923.

n.c7-c8=B+

C4a) Skakbladet, 1916/04.

n-1.d4-d5+ e7-e5 n.d5xe6+

C4b) Die Schwalbe, 1952.

n-1.f5-f4+ e2-e4 n.f4xe3+

C7) problem n°21-22, 1954, 4th TT, 1st prize ex aequo.

n-3... f7-f5 n-2.e5xf6+ Ke6xf6 n-1.d4-d5+ e7-e5 n.d5xe6+

C8) problem n°21-22, 1954, 4th TT, 1st prize ex aequo.

n-3.d3-d4+ f7-f5 n-2.g5xf6+ Kg6xf6 n-1.d4-d5+ e7-e5 n.d5xe6+

C10) problem n°21-22, 1954, 4th TT.

n-4... f7-f5 n-3.e5xf6+ Ke6xf6 n-2.d4-d5+ e7-e5 n-1.d5xe6+ Kf6-e7 n.d7-d8=B+

C11) problem n°21-22, 1954, 4th TT.

n-4.d3-d4+ f7-f5 n-3.g5xf6+ Kg6xf6 n-2.d4-d5+ e7-e5 n-1.d5xe6+ Kf6-e7 n.d7-d8=B+

C13) Version 2007/06 of Nikita Plaksin & Aleksandr Kisljak, Die Schwalbe n°98, 1986, 173 TT.

1R2Q3/1Bk5/2P1P3/8/4Q3/B7/BQ5B/6B1, 11+1: Last 10 single moves? (Cooked by Henrik Juel: n-1.e5-e6 Kb6-c7 n-1.b5xc6++ c7-c5 n.d4x?e5)

n-5.c3-c4+ e7-e5 n-4.f5xe6++ Kf6xPe6 n-3.c4-c5+ d7-d5 n-2.c5xd6+ Ke6-d7 n-1.g4-g5+ f7-f5 n.g5xf6#

C14) Version 2007/06 of Nikita Plaksin & Aleksandr Kisljak, Die Schwalbe n°98, 1986, 173 TT.

1R2Q3/1Bk5/2P1P3/8/4Q3/B7/BQ5B/6B1, 11+1: Last 10 single moves? (Cooked by Henrik Juel: n-1.e5-e6 Kb6-c7 n-1.b5xc6++ c7-c5 n.d4x?e5)

n-6... Kg6-f6 n-5.c3-c4+ e7-e5 n-4.f5xe6++ Kf6xPe6 n-3.c4-c5+ d7-d5 n-2.c5xd6+ Ke6-d7 n-1.g4-g5+ f7-f5 n.g5xf6#

C15) Original 2009/04.

n-9.h2-h3 Kb5-a5 n-8.h3-h4 Na4-c5 n-7.h4-h5 Nc5-e6 n-6.h5-h6 Ne6-g7 n-5.h6xNg7 h7-h6 n-4.g7-g8=N h6-h5 n-3.Ng8-f6 h5-h4 n-2.Nf6-d7 h4-h3 n-1.Nd7-b8 h3-h2 n.b3-b4+ Ka5-b5+

C16) Original 2009/04.

n-10.h2-h3 Kb5-a5 n-9.h3-h4 Na4-c5 n-8.h4-h5 Nc5-e6 n-7.h5-h6 Ne6-g7 n-6.h6xNg7 h7-h6 n-5.g7-g8=N h6-h5 n-4.Ng8-f6 h5-h4 n-3.Nf6-e4 h4-h3 n-2.Ne4-d2 h3-h2 n-1.Nd2-b1 h2-h1=B n.b3-b4+ Ka5-b5+

C18) Original 2009/11.

n-11.a6-a7 Ra5-a6 n-10.h2-h3 Kb5-a5 n-9.h3-h4 Na4-c5 n-8.h4-h5 Nc5-e6 n-7.h5-h6 Ne6-g7 n-6.h6xNg7 h7-h6 n-5.g7-g8=N h6-h5 n-4.Ng8-f6 h5-h4 n-3.Nf6-e4 h4-h3 n-2.Ne4-d2 h3-h2 n-1.Nd2-b1 h2-h1=B n.b3-b4+ Ka5-b5+

C19a) Original 2007/05.

n-13... a4-a3 n-12.h2-h3 a3-a2 n-11.h3-h4 a2-a1=R n-10.h4-h5 Ra1-a5 n-9.h5-h6 Ra5-b5 n-8.Nb7-a5+ Rb5-b7 n-7.Na5-c4 g7-g6 n-6.Nc4-e5 g6-g5 n-5.Ne5-g6 h7xNg6 n-4.h6-h7 g5-g4 n-3.h7-h8=N g6-g5 n-2.Nh8-g6 g4-g3 n-1.Ng6-e5 g3-g2 n.Qb8xRb7#

C19b) Original 2009/11.

n-13.b7-b6 n-12.h2-h3 Bc8-b7 n-11.h3-h4 Bb7-f3 n-10.h4-h5 Bf3xPh5 n-9.g2-g3 Bh5-g6 n-8.g3-g4 Bg6-h7 n-7.g4-g5 Bh7-g8 n-6.g5-g6 Bg8-h7 n-5.g6xBh7 g7-g6 n-4.h7-h8=N g6-g5 n-3.Nh8-g6 g5-g4 n-2.Ng6-f4 g4-g3 n-1.Nf4-e2 g3-g2 n.b3-b4#

C20) Original 2009/04.

n-14... b7-b6 n-13.f2-f3 Bc8-b7 n-12.f3-f4 Bb7-f3 n-11.f4-f5 Bf3-g4 n-10.f5-f6 Bg4-h3 n-9.g2xBh3 g3-g2 n-8.h3-h4 g2-g1=R n-7.h4-h5 Rg1-g4 n-6.Na4-c5+ Rg4-a4 n-5.Nc5-e6 f7xNe6 n-4.f6-f7 e6-e5 n-3.f7-f8=N e5-e4 n-2.Nf8-g6 e4-e3 n-1.Ng6-e7 e3-e2 n.Ne7-g8 a2-a1=N+

C21) Original 2007/05.

n-15... a4-a3 n-14.h2-h3 a3-a2 n-13.h3-h4 a2-a1=R n-12.h4-h5 Ra1-a5 n-11.h5-h6 Ra5-b5 n-10.Nb7-a5+ Rb5-b7 n-9.Na5-c4 g7-g6 n-8.Nc4-e5 g6-g5 n-7.Ne5-g6 h7xNg6 n-6.h6-h7 g5-g4 n-5.h7-h8=N g6-g5 n-4.Nh8-g6 g4-g3 n-3.Ng6-e5 Nd7-f8+ n-2.Ne5-d7 Nf8-g6 n-1.c2-c3 Ng6-h8 n.Qb8xRb7#

C22) Original 2007/05.

n-15.a3xBb4 a4-a3 n-14.h2-h3 a3-a2 n-13.h3-h4 a2-a1=R n-12.h4-h5 Ra1-a5 n-11.h5-h6 Ra5-b5 n-

10.Nb7-a5+ Rb5-b7 n-9.Na5-c4 g7-g6 n-8.Nc4-e5 g6-g5 n-7.Ne5-g6 h7xNg6 n-6.h6-h7 g5-g4 n-5.h7-h8=N g6-g5 n-4.Nh8-g6 g4-g3 n-3.Ng6-e5 Nd7-f8+ n-2.Ne5-d7 Nf8-g6 n-1.c2-c3 Ng6-h8 n.c3-c4 Be8xNd7+

C23) Original 2008/08.

(n-26.e2xR(B)f3+ Kg4-f4 n-25.Bf1-d3 b(d)7-b(d)6) n-24.Bd3-e4 f5xBe4 n-23.a2-a3 e4-e3 n-22.a3-a4 e3-e2 n-21.a4-a5 e2-e1=Q n-20.a5-a6 Qe1-a5 n-19.c2-c3 Qa5-h5 n-18.c3-c4 Qh5-g4 n-17.Ng3-f5+ Qg4-g3 n-16.c4-c5 Ne7-c6+ n-15.Nf5-e7 Nc6-a5 n-14.c5-c6 Na5-b7 n-13.a6xNb7 a7-a6 n-12.b7-b8=R a6-a5 n-11.Rb8-a8 a5-a4 n-10.Ra8-a5 a4-a3 n-9.Ra5-g5 Ng7-f5+ n-8.Rg5-g7 Nf5-d4 n-7.b2-b3 Nd4xPc6 n-6.b3-b4 Nc6-b8 n-5.b4-b5 Nb8-a6 n-4.b5xNa6 b6-b5 n-3.a6-a7 b5-b4 n-2.a7-a8=B b4-b3 n-1.Ba8-e4 b3-b2 n.Be4-b1 Bd8xNe7+

C24) StrateGems 42, 2008/04, prize.

n-26.e2xBf3+ Kg4-f4 n-25.Bf1-d3 b7-b6 n-24.Bd3-e4 f5xBe4 n-23.a2-a3 e4-e3 n-22.a3-a4 e3-e2 n-21.a4-a5 e2-e1=Q n-20.a5-a6 Qe1-a5 n-19.c2-c3 Qa5-h5 n-18.c3-c4 Qh5-g4 n-17.Ng3-f5+ Qg4-g3 n-16.c4-c5 Ne7-c6+ n-15.Nf5-e7 Nc6-a5 n-14.c5-c6 Na5-b7 n-13.a6xNb7 b6-b5 n-12.a7-a8=Q b5-b4 n-11.Qb8-b5 a7-a6 n-10.Qb5-h5 a6-a5 n-9.Qh5-h6+ Rg7-g5+ n-8.Qh6-g7 Rg5-b5 n-7.b2-b3 Rb5-b7 n-6.c6xRb7 a5-a4 n-5.b7-b8=Q a4-a3 n-4.Qb8-b5 a3-a2 n-3.Qb5-h5 Nf7-e5+ n-2.Qh5-f7 Ne5-c4 n-1.b3xNc4 b4-b3 n.c4-c5 Bd8xNe7+

C25) Version of Gerd Wilts, Die Schwalbe n°129 (7373), 1991/06, special prize, dedicated to A.Kornilov. KB6/QpN1p2p/r1pkP3/Rqp1p3/bRP5/brP5/pPP5/NB6, 13+13: Last 96 single moves? Itself a corrected version of Gyula Breyer, Chess Amateur, 1922, dedicated to T.R.Dawson and W.Hundsorffer, the Greatest Masters of Retrograde Analysis.

KB6/QpN1p2p/r1pkP3/1Rp1p3/bqP5/brP5/pPP5/NB6, 13+13: Who Wins?

n-84.Nb3-al Qa2-b3 n-83.Ra3-a2 Qb3-a3 n-82.Qb4-b3 Qa3-b4 n-81.Qb3-a3 Ba4-b3 n-80.Qa3-a4 Qb4-a3 n-79.Qa4-b4 Qa3-a4 n-78.Ra2-a3 Bb3-a2 n-77.Ra3-b3 Qa4-a3 n-76.Qb4-a4 Rb5-b4 n-75.Qa4-b5 Qa3-a4 n-74.Rb3-a3 Rb4-b3 n-73.Qb5-b4 Qa4-b5 n-72.Qb4-a4 Rb3-b4 n-71.Qa4-b3 Rb4-a4 n-70.Qb3-b4 Ba2-b3 n-69.Ra3-a2 Ra4-a3 n-68.Qb4-a4 Qb5-b4 n-67.Qa4-b5 Ra3-a4 n-66.Ra2-a3 Bb3-a2 n-65.Ra3-b3 Ra4-a3 n-64.Qb5-a4 Qb4-b5 n-63.Rb3-b4 Ra3-b3 n-62.Qa4-a3 Qb5-a4 n-61.Rb4-b5 Rb3-b4 n-60.Qa3-b3 Qa4-a3 n-59.Qb3-a4 Qa3-b3 n-58.Qa4-a3 a5-a4 n-57.Rb5-a5 Rb4-b5 n-56.Qa3-b4 Qb3-a3 n-55.Qb4-b3 Qa3-b4 n-54.Qb3-a3 Ba2-b3 n-53.Qa3-a2 a4-a3 n-52.Ra5-a4 Qb4-a5 n-51.Ra4-b4 Bb3-a4 n-50.Qa2-b3 Pa3-a2 n-49.Qb3-a3 Ba4-b3 n-48.Rb4-a4 Rb5-b4 n-47.Rb6-b5 Qa5-b6 n-46.Ra4-a5 Rb4-a4 n-45.Qa3-b4 Ra4-a3 n-44.Ra5-a4 Qb6-a5 n-43.Rb5-b6 Qa5-b5 n-42.Qb4-a5 Qb5-b4 n-41.Rb6-b5 Ra6-b6 n-40.Qa5-a6 Qb4-a5 n-39.Ra4-b4 Bb3-a4 n-38.Rb4-b3 Qa5-b4 n-37.Qa6-a5 Rb6-a6 n-36.Qa5-b6 Qb4-a5 n-35.Rb5-b4 Ba4-b5 n-34.Rb4-a4 Qa5-b4 n-33.Ra4-a5 Qb4-a4 n-32.Rb3-b4 Qa4-b3 n-31.Ra5-a4 Ra6-a5 n-30.Qb6-a6 Ba7-b6 n-29.Qa6-a7 Ra5-a6 n-28.Ra4-a5 Bb5-a4 n-27.Ra5-b5 Bb6-a5 n-26.Rb5-b6 Ba4-b5 n-25.Rb4-a4 Ba5-b4 n-24.Ra4-a5 Bb5-a4 n-23.Rb6-b5 Ra6-b6 n-22.Ra5-a6 Bb4-a5 n-21.Rb5-b4 Ba4-b5 n-20.Rb4-a4 Ba5-b4 n-19.Ra6-a5 Bb5-a6 n-18.Ra5-b5 Bb4-a5 n-17.Ra4-b4 Qb3-a4 n-16.Rb4-b3 Ba5-b4 n-15.Rb5-a5 Qa4-b5 n-14.Ra5-a4 Bb4-a5 n-13.Rb3-b4 Ra3-b3 n-12.Ra4-a3 Qb5-a4 n-11.Rb4-b5 Ba5-b4 n-10.Rb5-a5 Ba6-b5 n-9.Ra5-a6 Qa4-a5 n-8.Ra3-a4 Bb4-a3 n-7.Ra4-b4 Bb5-a4 n-6.Rb4-b5 Qa5-b4 n-5.Ra6-a5 Rb6-a6 n-4.Rb5-b6 Ba4-b5 n-3.Ra5-a4 Qb4-a5 n-2.Ra4-b4 Bb5-a4 n-1.Rb6-b5 Qa5-b6 n.Rb5-a5 Qb6xQa7+

D8) feenschach n°64, 1983.

White played last: n.g2-g3

Black played last: n... f3-f2

D10) Original 2007/04. Source is Bernd Schwarzkopf, feenschach n°64, 1983.

8/8/8/8/8/P7/KPkPP3/R1rb4, 6+3: Last move? Duplex.

W: n-1... Nb3-a1 n.Rb1xNa1

B: n.Nb3-c1 n.Rb1xNc1

D13) Original 2007/06. Source is Andrew Buchanan, retro mailing list 2007/04.

8/8/8/8/8/P2P4/KPkPP3/R1rb4, 7+3: Last 2 single move? Duplex.

Itself inspired from Bernd Schwarzkopf, feenschach n°64, 1983.

8/8/8/8/8/P7/KPkPP3/R1rb4, 6+3: Last move? Duplex.

W: n-1.Ra1-b1 Nb3-a1 n.Rb1xNa1

B: n-1... Rc1-b1 n.Nb3-c1 Rb1xNc1

D15) Original 2009/04.

W: n-7.f2-f3 Kb5-a5 n-6.f3-f4 Na4-c5 n-5.f4-f5 Nc5-e6 n-4.f5-f6 Ne6-g7 n-3.f6xNg7 f7-f5 n-2.g7-g8=N f5-f4 n-1.Ng8-e7 f4-f3 n.Ne7-g6

B: n-7... Kb5-a5 n-6.f3-f4 Na4-c5 n-5.f4-f5 Nc5-e6 n-4.f5-f6 Ne6-g7 n-3.f6xNg7 f7-f6 n-2.g7-g8=N f6-f5 n-1.Ng8-e7 f5-f4 n.Ne7-g6 f4-f3

D16) Schachmatnaja Kompozicija 96, 2010.

W: n-8.h2-h3 Kb5-a5 n-7.h3-h4 Na4-c5 n-6.h4-h5 Nc5-e6 n-5.h5-h6 Ne6-g7 n-4.h6xNg7 h7-h5 n-3.g7-g8=N h5-h4 n-2.Ng8-f6 h4-h3 n-1.Nf6-d7 h3-h2 n.Nd7-b8

B: n-8... Kb5-a5 n-7.h3-h4 Na4-c5 n-6.h4-h5 Nc5-e6 n-5.h5-h6 Ne6-g7 n-4.h6xNg7 h7-h6 n-3.g7-g8=N h6-h5 n-2.Ng8-f6 h5-h4 n-1.Nf6-d7 h4-h3 n.Nd7-b8 h3-h2

D17) Original 2009/04.

W: n-9.Ra4-a3 h7-h6 n-8.Kb4-a4 h6-h5 n-7.Na5-c4 h5-h4 n-6.Nc4-e3 h4-h3 n-5.Ne3-g2 h3xNg2 n-4.h2-h3 g2-g2=N n-3.h3-h4 Ng1-f3 n-2.h4-h5 Nf3-e5 n-1.h5-h6 Ne5-d7 n.h6-h7

B: n-9... Ra3-a2 n-8.Ra4-a3 h7-h6 n-7.Kb4-a4 h6-h5 n-6.Na5-c4 h5-h4 n-5.Nc4-e3 h4-h3 n-4.Ne3-g2 h3xNg2 n-3.h2-h4 g2-g2=N n-2.h4-h5 Ng1-f3 n-1.h5-h6 Nf3-e5 n.h6-h7 Ne5-d7

D19) Original 2009/04.

W: n-12... b7-b6 n-11.h2-h3 Bc8-b7 n-10.h3-h4 Bb7-f3 n-9.h4-h5 Bf3xPh5 n-8.g2-g3 Bh5-g6 n-7.g3-g4 Bg6-h7 n-6.g4-g5 Bh7-g8 n-5.g5-g6 Bg8-h7 n-4.g6xBh7 g7-g5 n-3.h7-h8=N g5-g4 n-2.Nh8-g6 g4-g3 n-1.Ng6-f4 g3-g2 n.Nf4-e2

B: n-11.h2-h3 Bc8-b7 n-10.h3-h4 Bb7-f3 n-9.h4-h5 Bf3xPh5 n-8.g2-g3 Bh5-g6 n-7.g3-g4 Bg6-h7 n-6.g4-g5 Bh7-g8 n-5.g5-g6 Bg8-h7 n-4.g6xBh7 g7-g6 n-3.h7-h8=N g6-g5 n-2.Nh8-g6 g5-g4 n-1.Ng6-f4 g4-g3 n.Nf4-e2 g3-g2

D22) Original 2007/05.

W: n-12.g2-g3 a2-a1=R n-11.g3-g4 Ra1-a5 n-10.g4-g5 Ra5-b5 n-9.Nb7-a5+ Rb5-b7 n-8.Na5-c4 h5-h4 n-7.Nc4-e3 h4-h3 n-6.Ne3-g2 h2xNg2 n-5.h2-h3 g2-g1=N n-4.h3-h4 Ng1-e2 n-3.h4-h5 Ne2-c3 n-2.h5-h6 Nc3-a4 n-1.h6-h7 Na4-b6 n.h7-h8=B

B: n-12... a3-a2 n-11.g2-g3 a2-a1=R n-10.g3-g4 Ra1-a5 n-9.g4-g5 Ra5-b5 n-8.Nb7-a5+ Rb5-b7 n-7.Na5-c4 h5-h4 n-6.Nc4-e3 h4-h3 n-5.Ne3-g2 h2xNg2 n-4.h2-h4 g2-g1=N n-3.h4-h5 Ng1-e2 n-2.h5-h6 Ne2-c3 n-1.h6-h7 Nc3-a4 n.h7-h8=B Na4-b6

D25) Original 2008/08.

W: (n-24.e2xR(B)f3+ Kg4-f4 n-23.Bf1-d3 b(d)7-b(d)6) n-22.Bd3-e4 f5xBe4 n-21.a2-a3 e4-e3 n-20.a3-a4 e3-e2 n-19.a4-a5 e2-e1=Q n-18.a5-a6 Qe1-a5 n-17.c2-c3 Qa5-h5 n-16.c3-c4 Qh5-g4 n-15.Ng3-f5+ Qg4-g3 n-14.c4-c5 Ne7-c6+ n-13.Nf5-e7 Nc6-a5 n-12.c5-c6 Na5-b7 n-11.c6xNb7 b6-b5 n-10.b7-b8=Q b5-b4 n-9.Qb8-b5 d6-d5 n-8.Qb5-d3 d5-d4 n-7.Qd3-g6 Ng7-f5+ n-6.Qg6-g7 Nf5-d6 n-5.b2-b3 Nd6-b7 n-4.a6xNb7 a7-a5 n-3.b7-b8=N a5-a4 n-2.Nb8-d7 a4-a3 n-1.Nd7-b6 a3-a2 n.Nb6-a8

B: (n-24.e2xR(B)f3+ Kg4-f4 n-23.Bf1-d3 b(d)7-b(d)6) n-22.Bd3-e4 f5xBe4 n-21.a2-a3 e4-e3 n-20.a3-a4 e3-e2 n-19.a4-a5 e2-e1=Q n-18.a5-a6 Qe1-a5 n-17.c2-c3 Qa5-h5 n-16.c3-c4 Qh5-g4 n-15.Ng3-f5+

Qg4-g3 n-14.c4-c5 Ne7-c6+ n-13.Nf5-e7 Nc6-a5 n-12.c5-c6 Na5-b7 n-11.c6xNb7 b6-b5 n-10.b7-b8=Q
b5-b4 n-9.Qb8-b5 d6-d5 n-8.Qb5-d3 d5-d4 n-7.Qd3-g6 Ng7-f5+ n-6.Qg6-g7 Nf5-d6 n-5.b2-b3 Nd6-b7
n-4.a6xNb7 a7-a6 n-3.b7-b8=N a6-a5 n-2.Nb8-d7 a5-a4 n-1.Nd7-b6 a4-a3 n.Nb6-a8 a3-a2

D26) Original 2008/08.

W: n-24.e2xRf3+ Kg4-f4 n-23.Bf1-d3 b7-b6 n-22.Bd3-e4 f5xBe4 n-21.a2-a3 e4-e3 n-20.a3-a4 e3-e2
n-19.a4-a5 e2-e1=Q n-18.a5-a6 Qe1-a5 n-17.c2-c3 Qa5-h5 n-16.c3-c4 Qh5-g4 n-15.Ng3-f5+ Qg4-g3
n-14.c4-c5 Ne7-c6+ n-13.Nf5-e7 Nc6-a5 n-12.c5-c6 Na5-b7 n-11.c6xNb7 b6-b5 n-10.b7-b8=N b5-b4
n-9.Nb8-c6 b4-b3 n-8.Nc6-e5 Bf7-g6+ n-7.Ne5-f7 Bg6-e4 n-6.h4-h5 Be4-b7 n-5.a6xBb7 a7-a5 n-4.b7-
b8=N a5-a4 n-3.Nb8-c6 a4-a3 n-2.Nc6-d4 a3-a2 n-1.Nd4-f5 a2-a1=B n.Nf5-h4

B: n-24.e2xRf3+ Kg4-f4 n-23.Bf1-d3 b7-b6 n-22.Bd3-e4 f5xBe4 n-21.a2-a3 e4-e3 n-20.a3-a4 e3-e2
n-19.a4-a5 e2-e1=Q n-18.a5-a6 Qe1-a5 n-17.c2-c3 Qa5-h5 n-16.c3-c4 Qh5-g4 n-15.Ng3-f5+ Qg4-g3
n-14.c4-c5 Ne7-c6+ n-13.Nf5-e7 Nc6-a5 n-12.c5-c6 Na5-b7 n-11.c6xNb7 b6-b5 n-10.b7-b8=N b5-b4
n-9.Nb8-c6 b4-b3 n-8.Nc6-e5 Bf7-g6+ n-7.Ne5-f7 Bg6-e4 n-6.h4-h5 Be4-b7 n-5.a6xBb7 a7-a6 n-4.b7-
b8=N a6-a5 n-3.Nb8-c6 a5-a4 n-2.Nc6-d4 a4-a3 n-1.Nd4-f5 a3-a2 n.Nf5-h4 a2-a1=B

E15a) Rex Multiplex n° 27, 1989/08.

White: Kh8, Qe8, Nf8.

n.e7xBf8=N+

E15b) Rex Multiplex n° 27, 1989/08.

White: Ka4, Qf8, Ne8.

n.f7xRe8=N+

E23) Original, 2008/08.

Black: Ke4, Bh4, Bh6, Nf8, Pd5, Pd6, Pd7, Pe6, Pf5, Pg3, Pg6.

n-2... Ke4-f4 n-1.Bd4-e5+ Kf4-e4 n.f2-f3#

E28) Original 2007/05. Source is Dmitrij Baibikov, Shakhmatnaya Kompozitsiya, 2005, 3rd prize.

NNNB4/NBBRPPP1/QKRPKPP1/RRP5/BP4P1/1P1P4/1PP1P2P/8, ?+?=30: Colour men. 22
retromoves?

White: Kb6, Qa6, Rb5, Rc6, Ba4, Na8, Pb2, Pb3, Pc7, Pd7, Pe2, Pf6, Pg3, Pg7.

n-9.a2xQb3 a3-a2 n-8.h2-h3 a2-a1=Q n-7.h3-h4 Qa1-d1 n-6.h4-h5 Qd1-d4 n-5.h5-h6 Qd4-g7 n-4.h6xQg7
h7-h5 n-3.f2-f3 h5-h4 n-2.f3-f4 h4-h3 n-1.f4-f5 h3-h2 n.f5-f6 Kd5-e6

E29) Original 2007/05. Source is Dmitrij Baibikov, Shakhmatnaya Kompozitsiya, 2005, 3rd prize.

NNNB4/NBBRPPP1/QKRPKPP1/RRP5/BP4P1/1P1P4/1PP1P2P/8, ?+?=30: Colour men. 22
retromoves?

Black: Kd1, Ra5, Rc7, Bb8, Be8, Na6, Nh1, Pb4, Pc5, Pd6, Pe7, Pf7, Pg6.

n-10.Bb3-a4 Qc2-b3 n-9.a2xQb3 a3-a2 n-8.h2-h3 a2-a1=Q n-7.h3-h4 Qa1-c1 n-6.h4-h5 Qc1-c3 n-5.h5-
h6 Qc3-g7 n-4.h6xQg7 h7-h5 n-3.f2-f3 h5-h4 n-2.f3-f4 h4-h3 n-1.f4-f5 h3-h2 n.f5-f6 h2-h1=N

F4a) Rex Multiplex n° 27, 1989/08.

Black Kh6.

n.g7-g8=N+

F4b) Mat, 1985/11.

Black Ke6.

n.f7-f8=N+

F4c) Mat, 1986/03.

Original problem was also containing a cooked twin (R instead of Q).

Black Kh6, Bg7.

n.h7-h8=Q+

F4d) feenschach, 1986/10.

a) Black Kg8.

b) Black Kh6.

n.h7-h8=Q+

F5) Rex Multiplex n° 27, 1989/08.

Black Kh6.

n-1... g7-g5 n.h5xg5+

F6) Schachmaty v SSSR, 1977, comm. ex aequo.

White Kd3.

n-1... b5-b4+ n.c2-c4 d4xc3+

F24) Die Schwalbe n°75, 1982, 7th comm.

Black: Kf6, Rf7, Pa3, Pb7, Pc7, Pd6, Pe5, Pe6, Ph7

n-5.e3-e4 Kf5-f6 n-4.f4-f5 a6-a5 n-3.Rg4-f4 a5-a4 n-2.Kf3-g4 a4-a3 n-1.Ng5-f3+ g7-g5 n.f5xg5+

F27) Original 2007/06. Source is Dmitrij Baibikov, 460 Shakhmatnaja Kompozitsija n°68, 2005, 3rd prize. NNNB4/NBBRPPP1/QKRPKPP1/RRP5/BP4P1/1P1P4/1PP1P2P/8, ?+?=30: Colour men. 22 retromoves?

Black: Kb6, Rb5, Rc6, Bd8, Be8, Na8, Pb4, Pc5, Pd6, Pe7, Pf7, Pg6, Pg5.

n-6.a2xQb3 a3-a2 n-5.f2-f3 a2-a1=Q n-4.f3-f4 Qa1-c1 n-3.f4-f5 Qc1-h6 n-2.h7-h5 Qh6-g7 n-1.f6xQg7 h7-h5 n.Qb8xNb7+

F28) Original 2007/06. Source is Dmitrij Baibikov, 460 Shakhmatnaja Kompozitsija n°68, 2005, 3rd prize. NNNB4/NBBRPPP1/QKRPKPP1/RRP5/BP4P1/1P1P4/1PP1P2P/8, ?+?=30: Colour men. 22 retromoves?

White: Kb8, Qb7, Ra5, Ra7, Ba4, Na6, Pb2, Pb3, Pc7, Pd7, Pe3, Pf6, Pg2, Pg7.

n-10.a2xQb3 a3-a2 n-9.h2-h3 a2-a1=Q n-8.h3-h4 Qa1-d1 n-7.h4-h5 Qd1-d4 n-6.h5-h6 Qd4-g7 n-5.h6xQg7 h7-h5 n-4.f2-f3 h5-h4 n-3.f3-f4 h4-h3 n-2.f4-f5 h3-h2 n-1.f5-f6 h2-h1=B n.Qa8-b7+

F29) Khanty-Mansiysk FIDE 2010 Olympic Tourney, 1st Prize.

Coloring is Nqkbb3/nNBrrpp1p/nKRp2p1/QRp5/1pr1P3/pB1P4/PPP2PPP/8

n-13.... Rc4-c3 n-12.Bb3-a4 Rc3-b3 n-11.a2xRb3 a3-a2 n-10.h2-h3 a2-a1=Q n-9.h3-h4 Qa1-e1 n-8.h4-h5 Qe1-c3 n-7.h5-h6 Qc3-g7 n-6.h6xQg7 g6-g5 n-5.g7-g8=R g5-g4 n-4.Rg8-g5 h7-h6 n-3.Rg5-d5 h6-h5 n-2.Rd5-d4 h5-h4 n-1.Rd4-c4 h4-h3 n.Rc4-c3 Qb8xNb7#

I) Phénix n°173/174, 2008.

(n-5.b6xQa7) n-5... b7-b6 n-4.h2-h3 Bc8-b7 n-3.h3-h4 Bb7-e4 n-2.h4-h5 Be4-d3 n-1.e2xBd3 c7-c6 n.d3-d4

II) Original 2007/05. Source is Luigi Ceriani, problem n°21-22, 1954, 4th TT, 2nd prize.

5k1B/1p2pPPK/P3pr2/5ppp/6P1/5PP1/4P2p/8, 9+9: 13 retromoves? Open the north-east cage.

n-4.Kf5-g6 Bc8-d7 n-3.a2-a3 Bd7-c6 n-2.a3-a4 Bc6-f3 n-1.a4-a5 Bf3-g4 n.h3xBg4

III) Original 2007/06.

n-7.a2-a3 Bc8-d7 n-6.a3-a4 Bd7xPa4 n-5.b2-b3 Ba4-b5 n-4.b3-b4 Bb5-a6 n-3.b4-b5 a5-a4 n-2.b5xBa6

a4-a3 n-1.Pa6-a7 a3-a2 n.a7-a8=B Kc7-b8

IV) Europe Échecs n°405, 1992.

n-5... e7xBf6+ n-4.Kg5-g6 Bf8-d6 n-3.a4-a5 Bd6-f4 n-2.a5-a6 Bf4-g5 n-1.a6-a7 Bg5-h4 n.g3xBh4 f5-f4

V) Original 2007/05.

n-13... a4-a3 n-12.h2-h3 a3-a2 n-11.h3-h4 a2-a1=R n-10.h4-h5 Ra1-a5 n-9.h5-h6 Ra5-b5 n-8.Nb7-a5+ Rb5-b7 n-7.Na5-c4 g7-g6 n-6.Nc4-e5 g6-g5 n-5.Ne5-g6 h7xNg6 n-4.h6-h7 g5-g4 n-3.h7-h8=N g6-g5 n-2.Nh8-g6 g4-g3 n-1.Ng6-e5 g3-g2 n.Ne5-c4

VI) Problem, 1954, 4th TT, 1st HM.

n-6... Kf6-g7 n-5.f7-f8=B+ Kg7-f6 n-4.c3-c4+ e7-e5 n-3.f5xe6+ Kf6xe6 n-2.c4-c5+ d7-d5 n-1.c5xd6+ Ke6-d7 n.c7-c8=B+

VII) Original 2007/04.

W: n-8... h5-h4 n-7.Dh3-f1 h4-h3 n-6.Df1-g2 h3xDg2 n-5.h2-h3 Bg1-h2 n-4.h3-h4 Bh2-g1 n-3.h4-h5 Bg1-h2 n-2.h5-h6 Bh2-g1 n-1.h6-h7 Bg1-h2 n.h7-h8=B

B: n-7... h5-h4 n-6.Dh3-f1 h4-h3 n-5.Df1-g2 h3xDg2 n-4.h2-h4 Bg1-h2 n-3.h4-h5 Bh2-g1 n-2.h5-h6 Bg1-h2 n-1.h6-h7 Bh2-g1 n.h7-h8=B Bg1-h2

VIII) Original 2007/04. Source is Bernd Schwarzkopf, retro mailing list 2007/04.

7B/1p1p1pp1/8/8/4PP2/1PPPkrP1/bPKNrppb/NQn1qb2, 12+14: Last 15 moves? Duplex.

W: n-8... h5-h4 n-7.Bg2-h1 h4-h3 n-6.Bh1-g2 h3xBg2 n-5.h2-h3 Bg1-h2 n-4.h3-h4 Bh2-g1 n-3.h4-h5 Bg1-h2 n-2.h5-h6 Bh2-g1 n-1.h6-h7 Bg1-h2 n.h7-h8=B

B: n-7... h5-h4 n-6.Bg2-h1 h4-h3 n-5.Bh1-g2 h3xBg2 n-4.h2-h4 Bg1-h2 n-3.h4-h5 Bh2-g1 n-2.h5-h6 Bg1-h2 n-1.h6-h7 Bh2-g1 n.h7-h8=B Bg1-h2

IX) Europe Échecs n°397, 1992/01.

Black: Kg6, Qa8, Nh4, Nh8, Pa7, Pb7, Pc6, Pe5, Pf5, Pf6, Pg7, Ph7.

n-2... Nf3-h4 n-1.f2-f3 e6-e5 n.Rh5-g5+

X) Europe Échecs n°379, 1990.

Black Kd7, Qe8, Rc7, Rd6, Bc8, Bh8, Na1, Pb2, Pb7, Pc6, Pd5, Pe6, Pf5, Pg6, Ph3.

n-9... Qe8-d8 n-8.Rf8-e8 a7-a6 n-7.Kg8-f8 a6-a5 n-6.Bh7-g8 a5-a4 n-5.Ng5-h7 a4-a3 n-4.g4-g5 b3xBb2 n-3.a2-a4 h6-h5 n-2.a4-a5 h5-h4 n-1.a5-a6 h4-h3 n.a6-a7 Qd8xRe8

I would like to apologize in advance for incorrect spelling, incorrect or missing informations in this list of composers.

Fide titles for chess composition are: Fide Master (FM), International Master (IM) and International Great Master (IGM), but no title were given before 1972.

References are in bold for the author of an original problem or for an author who improved a problem ("improvement" according to our specific task), in italics when the contributor specified he only made a version of an existing problem.

August, Hugo (b.1902, Germany)	A7a
Baibikov, Dmitrij (b.1977, Israël, FM)	A10, A15, A16, A19, A20, A22, A23, A24
.....	B4a, B5a, B7a, B10, B13, B15, B16, B18, B23, B24
.....	<i>C13, C14, C15, C16, C18, C19a, C19b, C20, C21, C22, C23, C24</i>
.....	D13, D15, D16, D17, D19, D22, D25, D26
.....	E23, E28, E29, F27, F28, F29, II, III, V
Brennert, Otto (1876-1945, Germany)	A7a
Breyer, Gyula (1893-1921, Hungary)	A26, C25
Brobecker, Alain (b.1973, France)	A14, B9
Buchanan, Andrew (b.1959, England)	A12, D10, D13, VIII
Burljaev, Nikolaj (b.1938, Kazakhstan)	F6
Ceriani, Luigi(1894-1969, Italy)	II
Christiaans, Franck (b.1948, Holland)	A14
Dawson, Thomas Rayner (1889-1951, England)	A7a, B3
Dittmann, Wolfgang (b.1933, Germany)	D8
Fabel, Karl (1905-1975, Germany, IM)	A10
Fatchullin, Faat (b.?, Russia)	B7b
Frolkin, Andrey (b.1957, Ukraine, IM)	E15a, E15b, F4a, F5, IX
Grushko, Michael (b.1955, Israël)	B4b
Høeg, Niels (1876-1951, Denmark)	A7a, A8, C3a, C3b, C4a, C4b
Husserl, Gidéon (b.1922, Israël)	F4b, F4d
Kisljak, Aleksandr (b.1938, Ukraine, IM)	C13, C14
Kornilov, Andrey (b.1944, Russia, FM)	A25, B25, E15a, E15b, F4a, F5, F24, IX, X
Le Gleuher, Thierry (b.1959, France, IM)	A14, I
Liskovets, Valery (b.1944, Belarus)	B4a, B5a, B5b
Mackenzie, Arthur Ford (1861-1905, Jamaica)	B5b
Mortensen, Jan (1932-2003, Denmark)	B4c
Nouguier, Henri (b.1958, France)	F4c
Onitiu, Valerian (1872-1948, Roumania)	A7a
Petrović, Nenad (1907-1989, Yugoslavia, IGM)	B9, B10, B13, C7, C8, C10, C11, VI
Plaksin, Nikita (b.1931, Russia, FM)	C13, C14
Røpke, Wilhelm (1892-1978, Denmark)	A7b
Schwarzkopf, Bernd (b.1946, Germany)	D10, D13, VII, VIII
Tucakov, Joza (b.1929, ?)	B7a
Voinov, Valerij (b.1936, Kazakhstan)	B4a, B5a, B5b
Wassong, Pascal (b.?, France)	IV
Willcocks, Theophilus Harding (b.1912, England)	A12
Wilts, Gerd (b.1969, Germany)	A26, C25, IV

Small dictionary of the most frequently used terms:

	Deutsch	English	Esperanto	Français
	König	King	Reĝo	Roi
	Dame	Queen	Damo	Dame
	Turm	Rook	Turo	Tour
	Läufer	Bishop	Kuriero	Fou
	Springer	kNight*	Ĉevalo	Cavalier
	Bauer	Pawn	Peono	Pion
	Weiß	White	Blanka	Blanc
	Schwarz	Black	Nigra	Noir
o-o	Rochade	castling	aroko	roque
	Umwandlung	promotion	oficiriĝo	promotion
	Letzter Einzelzug	Last single move	Lasta simpla movo	Dernier coup simple
	Färbe die Steine	Color the pieces	Kolorigi la pecojn	Colorier les pièces
TT	Thema-Turnier	Thematic Tourney		Tournoi Thématique
HM	Ehrende Erwähnung	Honorable mention	? mencio	Mention honorable
comm	Lob	Commendation		Recommandé
(v)	Version	Version	Versio	Version

*many problemists use the symbol S instead of N



Adresses

Some informations regarding the problems are lacking and some errors may lie in the solutions (hopefully not in the problems). Also it's almost certain some records are missing in the list, or they may just have been broken by fellow retroanalysts.

In any case, don't hesitate to write in order to help maintain this list up to date:

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Also pay a visit to the following websites if you are interested in retrograde analysis:

www.janko.at/Retros/by Otto Janko
www.geocities.com/anselan/by Andrew Buchanan
www.cs.berkeley.edu/~flab/chess/chess.htmlby François Labelle
www.geocities.com/joe_kisenwether/Retro.htmlby Joe Kisenwether
www.softdecc.com/pdb/search.pdbby Gerd Wilts